



C
31c H
903/09

VOL. VI., No. 3.

JUNE, 1909

LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

Texas
Christian University
Bulletin

CATALOGUE NUMBER

June, 1909

PUBLISHED BI-MONTHLY
—BY—
TEXAS CHRISTIAN UNIVERSITY,
WACO (North Waco Station), TEXAS.

Entered at the Postoffice at Waco (North Waco Station, Texas, as Second
Class Matter, under act of Congress of July 16, 1894.

A CATALOGUE
OF THE
OFFICERS AND STUDENTS
OF
Texas Christian University,
WACO, TEXAS
1908-1909
WITH
ANNOUNCEMENTS
FOR
1909-1910.

CALENDAR

Session 1909-1910.

FALL TERM.

Fall Term Opens.....	Tuesday, September 14, 1909
Examinations.....	Tuesday, September 14, 1909
Enrollment and Classification.....	Tues. and Wed., Sept. 14-15, 1909
Meeting of Trustees.....	Tues. and Wed., Sept. 14-15, 1909
Convocation Sermon.....	Sunday, September 19, 1909
Y. W. and Y. M. C. A. Reception.....	Friday evening, Oct. 1, 1909
Recital by Fine Arts Faculty.....	Friday evening, Oct. 22, 1909
Art Reception.....	Thursday afternoon, Nov. 25, 1909
President's Reception.....	Thursday evening, Nov. 25, 1909
Add-Ran Literary Society.....	Monday, Dec. 6, 1909
Fall Term Ends.....	Thursday, Dec. 23, 1909

WINTER TERM.

Winter Term Opens.....	Monday, January 3, 1910
Ministerial Institute.....	January 25 to 28, 1910
Walton Literary Society.....	Friday, January 28, 1909
Meeting of Trustees.....	Tues. and Wed., Feb. 1-2, 1910
Clark Literary Society.....	Monday, February 21, 1910
Washington's Birthday, Holiday.....	Tuesday, February 22, 1910
Annual Oratorical Contest.....	Friday evening, March 11, 1910
Winter Term Ends.....	Saturday, March 26, 1910

SPRING TERM.

Spring Term Opens.....	Tuesday, March 29, 1910
Recital by Fine Arts Faculty.....	Monday evening, April 4, 1910
Shirley Literary Society.....	Monday, April 11, 1910
Junior Fine Arts Recital.....	Monday evening, April 25, 1910
Joint Session of Literary Societies.....	Saturday, June 4, 1910
Baccaulaureate Sermon.....	Sunday, June 5, 1910
Senior Fine Arts Recital.....	Monday and Tuesday, June 6-7, 1910
Choral Concert.....	Tuesday, June 7, 1910
Class Day Exercises.....	Wednesday, June 8, 1910
Art Reception.....	Wednesday afternoon, June 8, 1910
General Convocation.....	Wednesday, June 8, 1910
Meeting of Trustees.....	Wednesday, June 8, 1910
Commencement Exercises.....	Thursday, June 9, 1910
Alumni Banquet.....	Thursday, June 9, 1910

C
T31cH

1908/09-1911/12

BOARD OF TRUSTEES.

EXECUTIVE BOARD.

	Term Expires
T. E. SHIRLEY.....	Hereford, Texas 1913
T. M. SCOTT.....	Melissa, Texas 1913
G. A. FARIS.....	Dallas, Texas 1913
S. M. HAMILTON.....	Waco, Texas 1913
F. F. ELKIN.....	Midland, Texas 1910
J. C. SAUNDERS.....	Bonham, Texas 1910
F. M. MILLER.....	Waco, Texas 1910
C. W. GIBSON.....	Waxahachie, Texas 1911
DR. H. W. GATES.....	Waco, Texas 1911
CHAS. HALSELL.....	Bonham, Texas 1911
T. W. MARSE.....	Taylor, Texas 1912
T. E. TOMLINSON.....	Hillsboro, Texas 1912
VAN ZANDT JARVIS.....	Fort Worth, Texas 1912

ADVISORY BOARD—Term One Year.

J. C. MASON.....	Dallas, Texas
J. Z. MILLER.....	Belton, Texas
C. McPHERSON.....	Fort Worth, Texas
J. S. McLENDON.....	Waco, Texas
A. C. PRENDERGAST.....	Waco, Texas
W. S. BLACKSHEAR.....	Brownsville, Texas
L. GOUGH.....	Hereford, Texas
E. H. PRITCHETT.....	Bonham, Texas
J. F. ARLEDGE.....	Bonham, Texas
J. A. ABERNATHY.....	Bonham, Texas
J. A. STRANGE.....	North Waco, Texas
J. W. HOLSAPPLE.....	Hillsboro, Texas
A. C. EASLEY.....	Waco, Texas
J. H. HOPGOOD.....	Waco, Texas
S. P. BUSH.....	Allen, Texas
MORGAN WEAVER.....	Abilene, Texas
G. F. STEARNS.....	Taylor, Texas
T. S. REED.....	Beaumont, Texas
W. P. BEAUMONT.....	Waco, Texas

OFFICERS AND STANDING COMMITTEES OF THE BOARD
OF TRUSTEES.

T. E. SHIRLEY.....President
G. A. FARIS.....Vice-President
S. M. HAMILTON.....Secretary

EXECUTIVE COMMITTEE.

T. E. SHIRLEY, Chairman

C. W. GIBSON T. E. TOMLINSON
S. M. HAMILTON DR. H. W. GATES
PRESIDENT CLINTON LOCKHART, Ex-Officio

FINANCE COMMITTEE.

S. M. HAMILTON, Chairman

CHAS. HALSELL C. W. GIBSON
T. W. MARSE T. E. TOMLINSON

AUDITING COMMITTEE.

F. M. MILLER, Chairman

F. F. ELKIN CHAS. HOLSELL
A. C. EASLEY J. H. LOCKWOOD

BUILDINGS AND GROUNDS COMMITTEE.

T. M. SCOTT, Chairman

J. C. SAUNDERS F. M. MILLER
F. F. ELKIN T. E. SHIRLEY

ADVISORY COMMITTEE.

DR. H. W. GATES, Chairman

T. M. SCOTT J. C. SAUNDERS
S. H. FARIS V. Z. JARVIS

PRINTING AND CANVASSING COMMITTEE.

J. F. ANDERSON, Chairman

S. M. HAMILTON F. M. MILLER
DR. H. GATES DR. CLINTON LOCKHART

FACULTY.

CLINTON LOCKHART, Ph. D., LL. D.,

President and Dean of the College of the Bible. Professor of Hebrew Language and Literature.

(A. B., Kentucky University, '86; A. M., *ibid.*, '88; Graduate in Classical Course, Bible College, Ky., '86; Graduate Student, Yale Divinity School '87-'88; Ph. D., Yale University, '94; President Columbia College, Ky., '92-'93, '94-'95; President Christian University, Mo., '95-1900; Professor Biblical Literature, Drake University, 1900-'06; President Texas Christian University, '06——).

JAMES F. ANDERSON, A. M.,

Business Manager and Professor of Biology and Geology.

(A. B., Bell College, '84; A. M., Add-Ran Christian University, '96; Graduate Student, Vanderbilt University, '85-'86; Founder of Grayson College '86; Professor Mathematics, *ibid.*, '86-'94; Professor Natural Science, *ibid.*, '94-'04; Vice-President, and President, *ibid.*; Business Manager and Treasurer, and Professor of Biology and Geology Texas Christian University, '04——).

JAMES B. ESKRIDGE, A. M., Ph. D.,

Professor of Green and Latin.

(A. M., University of Chicago; Ph. D., Cumberland University; Associate Principal East Side Academy, Nashville, Tenn., '91-'94; President Bedford College, Tenn., '94-'96; Principal Springfield Collegiate Institute, Tenn., '96-'97; Professor of Latin and Mathematics in University School, Montgomery, Ala., '97-'98; Professor in Texas Christian University, '98——).

ELLSWORTH EUGENE FARIS, A. M.,

Professor of Philosophy and Sacred History.

S. B., Add-Ran University, '94; A. M., 1907; Graduate Student, University of Chicago, 1901-'02 and Spring and Summer Quarters, '06; Principal of Preparatory Department, Add-Ran University, '94-'95; Missionary to Congo Free State, '95-'04; Associate Editor Christian Courier, '04-'06; Professor in Texas Christian University, '06——).

EGBERT R. COCKRELL, A. M., LL. M.,

Professor of History and Political Science.

(A. B., Texas Christian University; A. M., Drake University; LL. B., Iowa College of Law; LL. M., Iowa College of Law; Graduate Student of University of Chicago, Summer Terms of '01-

'02; Graduate Student of Columbia University for the school year of '03-'04, and Winter and Spring of '05; Attorney at Law, Bozeman, Mont., '98; Professor in Texas Christian University, '99-'03; Assistant Pastor First Church of Christ, New York City, '04-'05; Professor in Texas Christian University, '06——).

WILLIAM B. PARKS, A. M., Ph. D.,

Professor of Chemistry and Physics.

(B. S., Add-Ran University, '86; A. M., *ibid.*, '92; Ph. D., *ibid.*, '94; Student Vanderbilt University, '84-'85; Graduate Student, *ibid.*, 1st term, '86-'87; Harvard University Summer of '88; University of Virginia Summer of '90; University of Chicago Autumn and Winters Quarters, '02-'03; Summer term, '08; Professor of Natural Sciences Add-Ran Christian University, '87-'99; Professor of Natural Sciences Randolph College, '00-'01; Professor Natural Sciences and Mathematics, College at Hereford, '02-'04; Professor in Texas Christian University, '04——).

ORIE WILLIAM LONG, A. B.,

Professor of Modern Languages and Literatures.

(Student Millersburg Military Institute, '97-'00; A. B., Central University, Ky., '03; Graduate Student Harvard University, '03-'04; Graduate Student University of Berlin, '06; University of Chicago, Summer term, '08; Professor of Modern Languages, Corsicana High School, '04-'06; Professor of Modern Languages, Texas Christian University, '06——).

CHARLES I. ALEXANDER, A. B., B. S.,

Professor of Mathematics.

(A. B., Add-Ran Christian University, '01; B. S., University of Texas, '02; Graduate Student, University of Chicago, '02-'03; Professor of Mathematics, Jarvis College, '03-'05; Vice-Principal and Professor of Mathematics, Hoitt's School, Menlo Park, California, '05-'06; Graduate Student, Stanford University, '05-'06; Professor of Mathematics, John Tarleton College, '06-'08; Professor of Mathematics, Texas Christian University, '08——).

OTIS BURGESS SEARS, M. A., Ph. D.,

Professor of English Language and Literature.

(B. A., Christian University; M. A. and Ph. D., University of Virginia; student, Christian University, '86-'90; graduate student, University of Virginia, '99-'02 and '06-'07; graduate student, Johns Hopkins University, '07-'09; Fellow in Greek, University of Virginia, '06-'07; Professor of English, College, Albany, Mo., '98-'02; Professor of English, Rawlings Institute, Charlottesville,

Va., '01-'02 and '06-'07; Professor of English, State Female Normal School, Farmville, Va., '02-'06; Instructor in Greek, University of Virginia, '06-'07; Professor of Greek, Summer School of University of Virginia, '07; Professor of English, Texas Christian University, '09——.)

W. T. HAMNER, A. B.,

Assistant Professor of English.

(A. B., Texas Christian University, '99; Graduate Student, University of Chicago, '03-'04; Superintendent of Public Schools, '85-'95; Instructor, Texas Christian University, '98-'00; '02——.)

G. A. LEWELLEN, PH. D. LL.D.

Professor of Homiletics and Church History.

(A. B., Kentucky University, '85; A. M., *ibid.*, '86; Ph. D., Add-Ran Christian University, '96; LL. D., *ibid.*, '97; Graduate Student University of Chicago, '98; President West Tennessee Christian College, '89-'93; President Bellvue College (Penn.), '93-'03; President West Kentucky College, '03-'09; Professor of Homiletics and Church History, Texas Christian University, '09——.)

JOHN W. KINSEY, A. B.,

Professor of Education and Principal of Academy.

(A. B., Add-Ran Christian University, 1900; Graduate Business Department, *ibid.*, 1895; did special work in Education, University of Texas, summers of 1906 and 1907; Principal of Commercial Department Stephenville (John Tarleton) College, 1894-5; several years Principal and Superintendent of Public Schools; Professor of Education and Principal of Academy, Texas Christian University, 1909——.)

PAULTYSON, A. M.

Assistant Professor of Biology.

(A. B. Texas Christian University, '08; A. M., *ibid.*, '09; Assistant Professor of Biology in Texas Christian University, '09——.)

MATEO MOLINA, A. B.,

Instructor in French and Spanish.

(English courses in California schools and in West Texas Military Academy; graduate Valencia Institution, Spain. Instructor French and Spanish Texas Christian University, '09——.)

MRS. JOHN W. KINSEY,

Instructor in the Academy.

TEXAS CHRISTIAN UNIVERSITY.

FRED W. WIMBERLY,

*Director of School of Music. Professor of Music
Piano and Pipe Organ.*

(Graduate of Chicago Musical College, '93, having studied under Emma Wilkins-Guttman, Dr. Louis Falk and Adolph Koelling; Piano with Victor G. Garwood, American Conservatory, '93-'93; Teacher in Chicago Piano College, '95-'98; Teacher in Waterloo, Iowa, '98-'06, in Effingham, Kansas, '06-'07; Graduate Student of Piano, Berlin, Germany, '07; Professor of Music, Texas Christian University, '07——).

WILLIS C. HUNTER,

Professor of Violin, Harmony and Theory.

(New England Conservatory, under Emil Mahr, Eugene Grenberg, Felix Winternitz, Edson W. Morphy, Henry Redman, Louis Elson, Addison Porter and Geo. Chadwick; two years teacher in New England Conservatory Normal; four years teacher elsewhere; First Violin N. E. C. Orchestra; First Violin Mahr String Quartette; Professor of Music, Texas Christian University, '06——).

MRS. W. C. HUNTER,

Professor of Vocal Culture, Choral Director.

(Graduate of New England Conservatory, '03; Teacher of Music in Andrews and Phillips Brooks Schools, Boston, '02-'03, Principal Vocal Department and Assistant Piano, Stanstead Wesleyan College, Stanstead, Quebec, '04-'05; Soloist Boston Concert Company; Soprano Henderson Quartette, Boston; Professor of Vocal Culture and Choral Director, Texas Christian University, '06——).

GEORGE W. FITZROY,

Professor of Piano.

(Graduate High School, Fitchburg, Mass.; Student Massachusetts Institute of Technology, and Harvard College; Graduate New England Conservatory, Boston, '09; Professor of Piano, Texas Christian University, '09——).

MRS. ANNIE M. SALLING,

Piano and Voice.

(Strother Institute, Mo.; student in New England Conservatory under Sig. Rotoli, Sig. Vallini, Mr. Klahre, Mr. Percy Groetche, Mr. Cutter, Mr. Cole; teacher in Painesville College and other places. Instructor Piano and Voice Texas Christian University, '09——).

CLYDE BATSELL REEVES, A. B., B. O.,

Principal School of Oratory.

(B. A. and B. O., Grayson College, Texas, 1900; Graduate Student Emerson College of Oratory, Boston, 1900-'01; Student Harvard University under Dr. Sargent, '01; Student under Leland T. Powers, '02; Student New England Conservatory, '03; Student University of Chicago, Summer '05 and '07; Principal School of Oratory, Grayson College, '01-'07; Principal School of Oratory Texas Christian University, '07—).

ALBERT CRUZAN,

Instructor in Oratory.

(Student Drake University, '02-'04; Student, Drake College of Oratory, '04-'05; Graduate, Oratory, International University, Washington, D. C., '08; Special work in Gymnasium, St. Joseph, Mo., '01-'02, and elsewhere; Assistant in Oratory, Texas Christian University, '08—).

DURA BROKAW-COCKRELL, A. B.,

Principal of School of Painting and Drawing.

(A. B., Drake University, '96; Graduate Drake School of Art '96; Principal of School of Art of Texas Christian University, '99-'03; Graduate Student Chicago Art Institute, Summer Terms of '01 and '02; Graduate Student, International Academy of Design, New York Art School and the Art Students' League, '03, '04-'05; Principal of School of Art of Texas Christian University, '06—).

KATE N. JACKSON,

Instructor in Drawing.

(Graduate Texas Christian University School of Art, '07; Instructor in same, '07—).

J. J. HART, A. M., LL. B.,

Bookkeeping, Banking, Business Spelling, Business Practice, Shorthand and Typewriting.

(M. Accts., Stuarts' Actual Business College, '92; Head Bookkeeper American Coal Mining Co., '94 and '95; S. B., Strawn College, '95; Instructor in Bookkeeping, Shorthand and Typewriting, Strawn College, '95-'96; A. B., Texas Christian University, '97; A. M., Texas Christian University, '98; LL. B., University of Texas, '99; Attorney-at-Law, Dallas, Texas, '99-'08; Principal Commercial College and Instructor Commercial Law, Texas Christian University, '08—).

MRS. J. J. HART, A. B.,

Assistant in Commercial College.

(A. B., Texas Christian University, '98; Assistant Commercial College, Texas Christian University, '08—).

OTHER OFFICERS OF THE INSTITUTION.

JAMES F. ANDERSON,
General Business Manager and Treasurer

CHALMERS McPHERSON,
Endowment Secretary.

WM. B. PARKS,
Secretary of the Faculty

MISS NELL ANDRE,
Librarian.

MISS LOTTIE WATSON,
Lady Principal.

MISS VADA CHAPPELL
Assistant Lady Principal.

O. W. WISE,
Director Gymnasium for Boys.

MRS. ALBERT CRUZAN,
Director Gymnasium for Girls.

MERTIS STOCKARD
Superintendent Piano Practice.

MISS M. KNIGHT MILLER,
Registrar.

C. M. HALL,
Secretary to the President.

STANDING COMMITTEES OF THE FACULTY.

CLASSIFICATION AND ADVANCED STANDING.

W. B. Parks, Chairman

O. W. Long

W. T. Hamner

BULLETIN.

J. F. Anderson, Chairman

J. J. Hart

Colby D. Hall

DISCIPLINE.

E. E. Faris, Chairman

C. I. Alexander

J. J. Hart

LIBRARY.

E. E. Faris, Chairman

J. B. Eskridge

Clyde B. Reeves

AFFILIATED SCHOOLS.

Colby D. Hall, Chairman

W. B. Parks

C. I. Alexander

CHAPEL SERVICE.

E. R. Cockrell, Chairman

C. D. Hall

W. T. Hamner Mrs. W. C. Hunter

CURRICULUM AND SCHEDULE.

J. B. Eskridge, Chairman

E. R. Cockrell

O. B. Sears

ATHLETICS.

O. W. Long, Chairman

F. W. Wimberly

W. C. Hunter

TEXAS CHRISTIAN UNIVERSITY.

A BRIEF HISTORY OF THE UNIVERSITY.

In 1873, J. A. Clark, with his sons, Addison and Randolph, opened a private school at Thorp's Springs, Texas. The new institution was, almost immediately afterward, chartered under the name of Add-Ran College. The character and ability of the founders, together with the solid worth of the instruction and general advantages offered, attracted, an appreciative and increasing patronage. To meet its demands, the modest plans of the beginning were enlarged and more ample buildings were erected; of right, the enterprise flourished.

In 1889, Add-Ran College became the property of the Christian Churches of Texas, the name being changed to Add-Ran Christian University. It continued, however, under the immediate direction of the Clark brothers, maintaining its reputation for scholarly instruction and for wholesome, moral and religious influence, and proving itself to be, even more than before, an institution for which men and women counted it a glory to live lives of devoted self-sacrifice.

In 1895 it was determined to remove the University from Thorp's Spring to a more advantageous location, where the life of some city might enlarge the opportunities for culture afforded to the students, and from which the institution might more effectively reach the State at large. Waco was favorably considered. An educational movement on the part of the Methodist Church had established Waco Female College. Financial conditions not being such as to warrant continuance of the enterprise, the property was transferred to the Christian Church, and so came to serve as a foundation for the splendid superstructure of the present. On Christmas day, 1895, the change of location was formally made.

For a time after its removal, the growth of the University

was retarded by such losses and adversities as of necessity attend all transplanting. But with steadfast faith a few heroic souls, chief among whom should be mentioned Thornton E. Shirley, —carried forward the work of establishing the institution amid its new surroundings. Their faith and their labors were not unrewarded. Slowly, indeed, but nevertheless surely, the old life, becoming adjusted to the new environment, pulsed with greater and ever greater vigor, until it is now abundantly manifest that the spirit that gave "Old Add-Ran" its splendid integrity of character is dominating the activities of the institution as it advances to possess its larger heritage.

In 1902 the name "Texas Christian University" was adopted as suitable to the enlarged purposes and work of the school, the name of "Add-Ran" with its multitude of historic associations being retained as the designation of the College of Arts and Sciences, the central college of the University.

LOCATION.

Located at Waco, the Central City of the State, Texas Christian University has, thus, the advantages of contact with one of the largest, most substantial and most prosperous cities of Texas. This city is well-built, well-paved and is thoroughly up-to-date. As a railroad center of note, it is easily accessible from all quarters. It is well drained, has an abundant supply of the best artesian water; and statistics show that it is one of the most healthful cities in the Union. Before all things else, perhaps, it is a good residence city. Beautiful homes and well-kept lawns and streets testify to the character and taste of its citizens. Its public educational facilities are excellent; in addition it has many private schools and several institutions of higher learning. Without doubt, it is the greatest educational center of the Southwest.

The University is situated on University Heights, in one of the northern suburbs, three miles from the court house, its property lying just inside the city limits. It is, thus, so removed from the smoke and bustle of the city as to have all the healthfulness and freedom of the country; yet through its connection by electric car line with the down-town district it is a matter of only a few minutes ride to reach the business center of the city. The campus comprises some fifteen acres of level land, parts of it planted with beautiful trees; other parts left bare for the sake of athletic sports. The height on which the campus lies gives a commanding view of the city beneath, and beyond, that of the beautiful Brazos valley, stretching away miles upon miles to the limit of vision. The picturesque cliffs on the Bosque and Brazos, Lovers' Leap and Brazos Leap being most renowned for romantic charm, the groves of liveoak and stretches of varied forestry, add the element of wild nature without which student life cannot be complete.

Thus fortunately situated, Texas Christian University may offer the advantages of both country and city life, the disadvantages of both being eliminated. It is a location that cannot be surpassed.

MATERIAL EQUIPMENT.

MAIN BUILDING.

The main building of the University is a solid brick-and-stone structure, commodious and comfortable, four stories high, with ninety-five rooms, the largest building used for school purposes in the South. It was received from the Methodists in an uncompleted state, but it has since been finished. The first and second floors are taken up largely by recitation rooms, chapel, library and laboratories. The third and fourth stories furnish living rooms for young men.

GIRLS' HOME.

"The Girls' Home," a handsome three-story brick structure, gives substantial evidence of loyalty to the institution on the part of the Christian women of Texas, the Sunday schools and personal friends of the institution, through whose liberality its entire cost has been met. It was built in 1900 as a home for young women; by 1902 it was found necessary to so enlarge it as to double its capacity. Besides presenting a most pleasing architectural effect, outwardly, it is a model of beauty and comfort within; in point of elegance and convenience it is probably not surpassed by any similar building in the State. Each room is designed for two occupants, is large—13x16 feet—well ventilated, steam-heated and electric-lighted. The parlor and reception hall are very attractively furnished. In every way the building is complete.

TOWNSEND HALL.

Townsend Memorial Hall, the latest to be erected, is a large three-story brick building, a monument to the generosity of Mrs. Ed. Townsend, of Midland, Texas. It was built in memory of her deceased husband, who was active in every good cause, and whose works do follow him. The first floor is devoted to the culinary department. A large, beautiful dining-hall furnishes splendid accommodations for the students. The second floor is occupied by the College of Music. The third floor is used as a young ladies' dormitory.

HEATING PLANT.

The University owns and operates its own heating and lighting plant. From the one set of boilers steam is conducted to all the University buildings, and every room throughout is thus heated by steam. In connection with the boilers of the heating

plant, a dynamo is operated, by which means all the buildings on the campus have electric light service.

GYMNASIUM AND NATATORIUM.

A commodious and thoroughly equipped gymnasium has just been completed, and is ready for the use of students of both sexes. A large bathing-pool, well heated and lighted is built in connection with the gymnasium and fresh water will be kept available to the students and faculty of the University. The use of the gymnasium and natatorium will be under the direction of competent physical directors and proper regulations for safety and protection will be rigidly enforced.

LABORATORIES.

The laboratory facilities of the University afford opportunity for individual experiment and investigation in the fields of Chemistry, Physics and Biology. The aim is to give the student such a first-hand acquaintance with the facts in connection with the subject of study that he may be led to a direct comprehension and immediate knowledge of the laws of nature involved. In each of the laboratories, provision is made for carrying out in full the courses outlined for its respective department. The advanced courses in Physics are concerned chiefly with matters of quantitative measurement. The biological laboratory, in addition to the apparatus necessary for satisfactorily handling fresh material,—much of it collected in the immediate vicinity,—has in alcoholic preservation a collection of specimens selected with reference to a comprehensive study of the differences as well as the resemblances of many forms of life, from the study of which the student may obtain an intelligent view of the important subject of classification.

CHARACTER AND EDUCATIONAL PURPOSE.

Texas Christian University, owned and controlled by the

Churches of Christ in Texas, in the State School of the Disciples of Christ. Its purpose is, education in the most complete sense, an education that shall mean the development of the religious and social nature of the student as well as the cultivation of his intellectual, emotional and physical powers. We hold it to be a truth established by the experience of the educational world that the most satisfactory results are obtained in schools permeated by a healthy religious atmosphere. It is in such a school that the whole nature of the student may be systematically developed, his powers most effectively quickened and stimulated to action so that he, after school days are over, may most completely and most worthily discharge his duties to society at large.

Such conditions for shaping and inspiring the lives of young people, the Trustees have endeavored to make in Texas Christian University. Having insured amplest accommodations for physical comfort amid surroundings most conducive to intellectual and spiritual growth, they have delegated to the faculty—a body of men and women chosen as representing the best intellectual and spiritual tendencies of the age—the task of so permeating the entire institution with intellectual, ethical and religious life that the student-body may receive power and inspiration for the realization of the highest ideals.

It is not to be taken that such emphasis on the ethical and religious means a weakening of the tone and the quality of class-room work. The University may fulfil her mission only as the highest standards are maintained in all the activities regularly associated with the University idea; it is hoped and expected that *in addition* to what is usual in schools of higher grade, the most beneficent moral and religious influences may be made to tell strongly on the young people in attendance during the critical formative period of life.

Besides its opportunities for culture and growth, the University offers also courses of training for various activities and occupations, but especially does it emphasize the matter of preparation for all lines of distinctly Christian work; most of all, among these courses of special training, does it call attention to its provision for fitting young men for the Christian ministry; in this field the managing Board can be content with nothing less than the best.

GOVERNMENT AND ORGANIZATION.

When Add-Ran University became the property of the Christian Churches in Texas, delegates from the associated churches, assembled in convention, elected a Board of Trustees, each to hold office four years, that should in the name of the church control the affairs of the institution. This Board was made self-perpetuating, the term of office for part of the membership expiring each year, the remaining members filling the vacancies by election, provision being thus made for a change of the personnel of the whole Board every four years. The functions of the Trustees were, and are, to provide what in their judgment may be necessary for the effective working of the school, to meet, in as far as financial conditions may warrant, the demands of its growth and enlargement, and to govern either mediately or immediately the institution committed to its charge. Associating with the regular Board, and sharing more or less in its responsibilities, is an Advisory Board of seventeen members, elected or re-elected annually by the Executive Board.

The immediate government of the internal affairs of the University the Trustees have delegated to a President and Faculty, whose functions and powers are such as usually appertain to Presidents and Faculties in similar institutions. The

Trustees, however, reserve to themselves the supreme authority in all things.

In the organization of the University the same principles have been observed as obtained in the organization of the institution at the beginning. Texas Christian University is an association of schools and colleges under one management, directed to one common purpose. To a certain extent they are independent of one another; each one has a distinct function, yet all partake of, and contribute to, the life and work of the University. At present there are organized the following colleges and schools; for the particulars concerning each of which see individual section of the Catalogue:

Add-Ran College of Arts and Sciences.

College of the Bible.

College of Business.

College of Music.

School of Art.

School of Oratory.

Academy.

Hereford College, Hereford, Texas.

Carlton College, Bonham, Texas.

Midland College, Midland, Texas.

Note.—For the sake of convenience and efficiency in administration, the three last named colleges have each more of an independent government than have the others, but, nevertheless, each is an integral part of the University.

GENERAL INFORMATION.

EXAMINATIONS.

Examinations are held during the closing days of each term. The grades made in connection with the class standing of the student, determine whether or not he passes, an average of 75 per cent being required. In case a student fails to pass, upon request, a second examination may be given after a stated time, if, in the judgment of the teacher, any peculiar circumstances constitute good ground for such request. Besides the regular examinations such others, oral or written, as are necessary for purposes of classification will be given to students. All students are required to take the regular examinations.

ENROLLMENT.

Although large liberty is allowed to students in the selection of studies, yet the enrollment committee must pass upon the studies selected before the student enters classes. When once the student has enrolled in any class he is not permitted to drop out without the consent of the President and the professor in charge.

Fifteen recitation hours per week give the average student sufficient work. Not more than eighteen nor less than fourteen hours can be taken without the consent of the enrollment committee and then only on condition that the additional hours be dropped in case the work is not satisfactory to the professors.

Students taking work in the special colleges and schools will be required to regulate the amount of their literary work by the amount of special work given.

SOCIETY PRIZES.

1. *The T. E. Shirley Prize.* The president of the board of

directors offers annually a \$20.00 gold medal to the student in the Shirley Society making the best grade in scholarship and general work.

2. *The J. T. McKissick Prize.* Mr. McKissick offers ten dollars to the best worker in Add-Ran Literary Society.

3. *Van Zandt Jarvis Prize.* Ten dollar gold medal to the best worker in Walton Literary Society.

ORATORICAL ASSOCIATION.

The purpose of this association is to promote oratory in its best sense among its members, and, as far as may be, throughout the school. All oratorical contest are under its supervision, and it elects delegats to the State Oratorical Association, of which it is a member.

SCHOLARSHIPS.

One free scholarship is awarded to the student making the highest record in the Senior Academy class, and each class of the College of Arts and Sciences. They are awarded on the basis of class standing as shown by the University records, proper account being taken of the student's general bearing and conduct.

THE JOHN W. MARSHALL SCHOLARSHIP

Is awarded annually to the student in the Bible College who makes the highest average.

UNIVERSITY PUBLICATIONS.

THE BULLETIN.

The bi-monthly periodical is the official means of communication between the school and its friends. The May number is the annual catalog. The other numbers will contain announcements of the latest happenings, of interest to the patrons;

news of the inside school life, of the work of the churches for the school, the progress of education day, plans, improvements, etc. It will be packed full of facts that the people ought to know and be told in a style readable and interesting.

The Bulletin will be mailed regularly to every friend who will indicate a desire for it. The University desires to keep the friends posted.

Besides *The Bulletin* and other matter issued by the University authorities, three periodicals reflecting the inner life and various activities of the school are published by the students: Namely, *The Collegian*, *The Skiff* and *The Horned Frog*.

THE COLLEGIAN.

A conservative journal, representing the best sentiment of the University; edited, published and managed by students in school.

The publication is a neat, sane, monthly issue, the pages of which are filled with matter that is readable, wholesome, and of value as an evidence of the work done in the matter of correct composition.

The journal is for the student, and every student who has something to say, finds it an excellent medium of expressing himself.

The paper, growing in favor, is finding a larger circle of readers every year, and is doing its part in shaping the thought and sentiment of the student body.

Students, patrons and others wishing to keep in touch with the University would do well to read this magazine.

THE SKIFF.

A weekly publication, popular in character, giving the news of the institution. The paper is growing in favor, and has one of the largest subscription lists among college papers in the State of Texas.

THE HORNE FROG.

This is the College "Annual," and comes from the press near the close of the session. It is a neat book of some two hundred pages, reflecting all sides of college life from its more serious phases to its jokes and pranks which grow out of warm friendships and good-will. It is the one publication which the student feels he must take home with him. It will serve as the best exhibit he can make to his friends of the inner life of the school, and in the years to come it will revive the pleasantest memories of his college experiences.

LIBRARY AND READING ROOM.

A large room—40x50 feet on the ground floor of one wing of the Main Building is used as a library and reading room. It is admirably suited for this purpose, being well lighted and ventilated on three sides. It contains several thousand volumes, and each year additions are being made. This will greatly enhance its value and usefulness as a college working library. The Central Christian Church of Waco has placed improvements in the library, amounting to several hundred dollars.

Students in the more advanced classes are sent to the library to consult reference books and do collateral reading. The Dewey system of cataloging is used, which renders it the more servicable. The leading periodicals are kept on file, giving the student opportunity to inform himself of current events. The library is freely used by a large and increasing number of students. It is open from 8:30 a. m. to 5 p. m., and is in charge of a professional librarian.

RELIGIOUS ORGANIZATIONS.

UNIVERSITY CHURCH.

Preaching twice every Lord's Day, and prayer meeting

Wednesday evening. Students who are members of the Christian Church elsewhere will be regarded as members of the University Church during their stay here.

SUNDAY SCHOOL.

It is intended that greater effort than ever shall be put forth to make this a model Sunday School. Most of the classes are taught by members of the Faculty, men and women who are well equipped for the work. All students are expected to become members of the school.

STUDENT'S VOLUNTEER BAND.

This band is composed of young men and women who are preparing for work in the foreign fields. They have expressed a willingness to go wherever the Foreign Board may deem it best to send them. They meet weekly for the purposes of devotion, for intelligent study of the mission fields and for increasing missionary interest.

Y. M. C. A.

Since its organization at the Texas Christian University the Y. M. C. A. has been an important factor in college life. It has taken a firm hold on religious affairs, and has been instrumental in bringing things to pass for Christ and in deepening the spirituality among the students. The work of the Y. M. C. A. is undenominational. Its object is to promote spiritual growth, fellowship and strenuous Christian living among the men.

The Association meets once a week for devotional purposes and to consider questions of practical work among the students.

Y. W. C. A.

This organization fills a place among the young women sim-

ilar to that of the Y. M. C. A. among the men. During the past year it has been especially active and has accomplished much good.

THE ENDEAVOR SOCIETY.

This society is organized after the pattern well known everywhere. It has a large membership and is doing an excellent work.

THE MINISTERIAL ASSOCIATION.

The ministerial Association is an organization composed of students preparing for the ministry. It meets every Friday evening. Discussions of themes related to practical church work, sermons, etc., are held at these meetings. Occasional addresses are given by visitors. In this organization the more mature ministers assist the younger ones in obtaining work among churches, and render all possible help along other lines.

RELIGIOUS OPPORTUNITIES.

All the principal Protestant denominations have flourishing churches in Waco, and students are free to attend the church of their choice. The advantages for moral and religious instruction are unsurpassed.

All students are expected to attend public worship on the Lord's Day, and they are required to attend the daily religious exercises in the University Chapel. They are also urged to attend the students' prayer meetings that are held each week, and the lectures and talks of a religious character that are given by distinguished visitors from time to time.

Y. M. C. A. STAR COURSE.

The Young Men's Christian Association of Waco maintains every year a series of entertainments consisting of lectures and addresses by men of national and world-wide fame, and concerts

by some of the best musical organizations in America. The course usually consists of about nine numbers, which would be expensively by single ticket, but the entire course is made to T. C. U. students for two dollars. A very large proportion of our students avail themselves of the opportunity of hearing the best talent at such nominal cost.

MORALS AND DISCIPLINE.

It oftentimes happens that students, away from home for the first time and free from parental authority and the restraining influence of home life retrograde, morally. Usually we may add that tendencies under changed conditions depend largely upon his stability of character as established by his home training. The Faculty of Texas Christian University is pledged to make the morals of students a matter of prime concern.

Certain guiding principles are observed in administering the discipline of the school. These are held as fundamental and necessary in maintaining strong, consistent discipline. On the one hand we recognize that right motive is the chief element in conduct, that self-discipline is the best discipline, that the subtler influences of a healthful atmosphere and of a correct school sentiment must constitute the chief reliance for good government. On the other hand there is a place for the strong arm of authority, and it will be exercised promptly and without apology when occasion demands it.

The discipline proceeds upon the assumption that the students are gentlemen and ladies who are actuated by high motives and lofty ideals. They are not treated as children, but rather as young men and women who are responsible in large measure for their own conduct. They are not burdened with many rules, but each one is expected to be a law unto himself, because he has arrived at the age when he is governed on the high ground of

principle. A few regulations intended chiefly as reminders of matters of propriety that grow out of the community life as a University that might be otherwise overlooked, even by well meaning students.

Every effort is put forth to make the students' surroundings ideal, by fostering the best influences. They are carefully guarded against the allurements of the city. Younger students will not be allowed to visit the city without permission, which will be withheld unless a good reason is offered.

NO CASTE.

The spirit of the school is thoroughly democratic. No secret societies are allowed. Hazing is positively forbidden. Character and conduct, not clothes and money, determine the students' standing. Those working their way stand as well as any if they are in other respects as deserving. The students who are earning their way by doing janitor or dining-room service are usually among the best students.

EDUCATIONAL ATMOSPHERE.

Waco takes just pride in her educational institutions, and is in thorough sympathy with them all. Besides her excellent system of public schools, she boasts of several colleges and universities which draw a large patronage from all parts of the country. The students are orderly and well behaved and the most cordial relations exist between students and citizens. A love for learning is fostered and a pronounced educational tone is imparted to the city. Local and state contests in oratory and athletics intensify college spirit. These serve as a tonic and stimulus to highest endeavor. The educational atmosphere is invigorating, and Waco is a most congenial home for institutions of higher learning.

HEALTH AND MEDICAL ATTENTION.

Statistics show that Waco is one of the most healthful cities in the country, and University Heights being more than one hundred feet above the level of the business section of the city, is one of the most healthful portions of the city. Sanitary condition sare perfect. A first class system of sewerage has been put in, and nothing has been left undone to preserve the health of the students. Hot and cold artesian baths are offered free. The best possible medical attention is available to the students, and parents sending their children to Texas Christian University may feel that no pains will be spared to guard their health.

WATER.

The water used for cooking and drinking at the University comes from the artesian well at the corner of the campus. This well is 1,800 feet deep, and gives an abundant supply of as pure and wholesome water as can be found in Texas.

ATHLETICS.

Believing that physical exercise is essential to mental development and that healthful sports tend to increase college loyalty, the University at all times encourages the student to participate in college sports and exercises for the purpose of fostering his physical man. The young women have daily exercise. The young men have organized an athletic association.

The athletic association has done much to develop an enthusiastic interest in athletic sports. Under its direction a tennis club has been organized with several courts. Football and baseball teams have been organized and trained. For seevral seasons the baseball team held the state college championship.

Following are the rules governing the inter-collegiate games:

1. Students must maintain satisfactory standing in their classes in order to hold a position on any University team.
2. The games away from Waco are limited to three trips in the fall term and three in the spring term.
3. A professor chosen by the faculty must in all cases accompany the teams when they go away to play.
4. A student must be regularly enrolled and he must take at least twelve hours of work a week to be a member of any team.

ROOMING IN THE COLLEGE BUILDINGS.

All students, male and female, are required to room and board in the college buildings except by special consent. Students will not be received who board or room in private homes without the consent of the President. Although frequent changing of rooms is discouraged, the Faculty reserves the right to make such changes as may at any time be deemed best.

INCORRIGIBLE STUDENTS.

Sometimes parents having failed to govern their children at home, send them away to school in the hope that under rigid discipline and careful oversight of teachers, the failures of home training will be corrected. This institution does not want boys or girls who are sent away from home to be reformed. It is more probable that one such student will corrupt a dozen others well disposed than that he himself will be reformed, and at the same time he will require more of the time and energy of the Faculty in the matter of discipline than a score of others. The student who is here for instruction and training has first claim upon the Faculty. It is due him that he be protected against the disturbing and corrupting influences of immoral students. To do an irreparable damage to many

students for the sake of the good that might possibly be done to few incorrigibles, is reprehensible. Therefore, students of known vicious tendencies and corrupting influence will not be retained in school.

A WORD TO PARENTS.

Often parents at the solicitation of their children, make requests that are very detrimental to the student's progress and standing. Requests to make frequent visits home or to friends in near-by towns, should not be granted. Regularity of attendance is of prime importance. No student who is habitually absent from his classes can keep interest in his studies. Retrogression ending in disaster frequently dates from a few days of absence from classes. Discouragement and loss of interest are followed by a decision to quit school. It is a very grave mistake to suppose that it is not of much importance to be present the first few days of a new term. The student who enters a class after two or three recitations is as a stranger in a strange land, and is sure to be more or less discouraged. It is also essential that he remain to the last day of the term. Examinations come the last week of each term, and he must remain and finish his work or forfeit his claim to credits.

SUMMER SCHOOL.

The Summer School of the University, which meets each year in June and July, offers many academic, collegiate and special branches of study. For particulars, see other numbers of the Bulletin issued during the year. Progressive teachers, ministers and students find opportunities in the Summer School for taking advanced work. College credits are given for satisfactory work.

Summary of Advantages offered by Texas Christian University.

1. The location is most desirable. Waco is situated very near the geographical center of the State. It is an important railroad center, and hence is accessible from every direction. The University grounds are more than a hundred feet above the level of the city and the view is commanding and inspiring.

2. The combination of limited and free electives makes possible the selection of a course of study specially adapted to the individual student. Certain limitations, together with the advice of a committee of the Faculty forestall any aimless dissipation in work.

3. A well organized Academy, perfectly articulated with the College courses, accommodates students whose home advantages in high school work are unsatisfactory.

4. A Bible College primarily for the training of young men for the ministry is open to all for such work as may be desired, a certain amount being required of all students.

5. The Colleges of Fine Arts and Business maintain a high standard of excellence.

6. Training in oratory and dramatic art is given under the direction of a gifted and experienced teacher.

7. Several well equipped literary societies afford ample opportunity for drill in oratory, debate, parliamentary law, and other forms of literary work.

8. The library privileges have been recently enlarged, and will be still further improved from year to year. A good working library and reading-room supplied with the leading periodicals are at the service of the student for a very small library fee.

9. Students have the advantage of valuable courses of lec-

tures given at the University and in the lecture courses of the city. The Ministerial Institute convenes annually and offers to T. C. U. students all the advantages of a full course of lectures.

10. The buildings are commodious, the recitation rooms are in first-class condition and well equipped, and the dormitory accommodations are excellent.

11. The buildings are lighted by electricity, heated by steam and supplied with pure artesian water.

12. The young ladies are under the immediate care of a competent lady principal, assisted by several lady teachers who room in the building.

13. A boarding hall under the direction of a competent manager offers good board at a very moderate cost.

14. The moral and religious tone of the school is of a high order. The University church, the daily chapel exercises and the student religious organizations provide for the moral and spiritual well-being of the students in an effective way.

15. The personnel of the student body is a matter of just pride. The majority of the students are young men and women of high ideals and lofty purposes. They are in school because they desire an education.

16. Considering advantages offered, the expenses are exceedingly small. To be convinced of this, compare our rates with those of any school of equal rank in the country.

Young people: If you wish to be associated with a splendid company of students in the midst of desirable surroundings and under a strong body of competent instructors come to Texas Christian University. You will receive a cordial welcome, and find yourself in the midst of true and helpful friends.

RANK OF THE UNIVERSITY AMONG EDUCATIONAL INSTITUTIONS.

The State Department of Education has ranked this institution a "University of the first class," a distinction accorded to only a few educational institutions in this State. Its A. B. diploma entitles the holder, after three years of experience in teaching, to a "Permanent State Certificate." (The three years may precede or follow graduation.) Its degrees are recognized by the larger Eastern universities, and its graduates entering them receive full credit for work done here.

ENDOWMENT.

Chalmers McPherson, so long known in Texas, has been secured by the Board of Trustees as Endowment Secretary. He will give his entire time to this work. Something has already been done in this direction, but it is a mere beginning of what will be done. The Board of Trustees are practicing the most rigid economy compatible with efficient work; still they are greatly hampered by lack of money. The possibility of permanently doing real college work without endowment is no longer entertained by those who are conversant with the necessities of a modern college in the matter of men and equipment. If the question of endowment is not pressed in the immediate future it must not be understood that its necessity is not recognized. It will follow immediately upon the adjustment of other matters which of right should precede it. In the meantime any contribution to the endowment fund will be most thankfully received, and sacredly set apart for any special department indicated by the donor.

FORM OF BEQUEST.

The following form should be used by persons desiring to bequeath property to the University:

I hereby give and bequeath to Texas Christian University, located at Waco, County of McLennan, State of Texas, the sum of.....dollars, to be used (here state for what, if any particular purpose, it is to be used. If the bequest is real estate it should be carefully described. Be particular about conforming to the laws of your state.)

ADD-RAN COLLEGE OF ARTS AND SCIENCES.

FACULTY.

CLINTON LOCKHART, Ph. D., LL. D.

President of the University. Professor of Semitic Languages and Literature.

JAMES F. ANDERSON, A. M.,

Professor of Biology and Geology.

JAMES B. ESKRIDGE, A. M., Ph. D.,

Professor of Latin and Greek.

O. B. SEARS, A. M., Ph. D.,

Professor of English Language and Literature.

WILLIAM B. PARKS, A. M., Ph. D.,

Professor of Chemistry and Physics.

EGBERT R COCKRELL, A. M., LL. M.,

Professor of History and Political Science.

ORIE WILLIAM LONG, A. B.,

Professor of Modern Languages and Literatures.

ELLSWORTH E. FARIS, A. M.,

Professor of Philosophy.

CHARLES I. ALEXANDER, A. B., B. S.,

Professor of Mathematics.

W. T. HAMNER A. B.,

Assistant Professor of English.

JNO. W. KINSEY, A. B.,

Professor of Education.

MATEO MOLINA, A. B.,

Instructor in French and Spanish.

ITS RELATION TO THE UNIVERSITY.

The College of Arts and Sciences is the central college of the University. From the Academy (and the High Schools) it differs in methods and in grade of work, since it deals with more advanced students; but, like them, it aims at the development of the whole nature of the student, at the enlargement of his capacity, at stimulation of his intellectual and spiritual growth. From all the other colleges and schools of the University it is to be distinguished, inasmuch as they aim at more or less of specialization. To students who have such work in mind, the College of Arts and Sciences offers general training as a foundation for their special work. To students who have no such purpose of specialization it offers general culture and a liberal education.

REQUIREMENTS FOR ENTRANCE.

Students holding graduating diplomas from the Academy of Texas Christian University, or from approved Colleges and High Schools, are admitted to the College of Arts and Sciences without examination. All other students must give satisfactory evidence that they have completed work equal in amount and value to the course prescribed in our Academy, or pass in the entrance examinations. In all cases, if a student, after being permitted to enter a college class in any department, fails to demonstrate his ability to carry the course with satisfaction to the professor in charge, he may be required to drop back to the Academy and fit himself for pursuing the course with advantage.

ENTRANCE EXAMINATIONS.

Thirteen and one-half units are required for admission to Freshman standing. A unit course of study, as here used,

means a course that covers a school year of at least thirty-five weeks, with five recitations per week of not less than forty-five minutes each. Examinations may be required on the following branches:

English	3	units
Mathematics	3	units
History and Civics.....	2½	units
Foreign Languages	3	units
Sciences	2	units

The question of accepting substitutes for any branches here required must be submitted to the Committee on Classification before date of examinations.

Mathematics.—1. Complete Practical Arithmetic, including fractions, percentage, roots, measurements, etc., ½ unit.

2. Beginning Algebra, covering such a treatment as that found in Wentworth's First Steps in Algebra, ½ unit.

3. Elementary Algebra, covering such a course as that in Well's Algebra for Secondary Schools; 1 unit.

4. Plane Geometry, including simple original exercises and problems; 1 unit.

History and Civics.—1. American History, such a course as that given in Fiske's History of the United States; 1 unit.

2. General History, a course equivalent to that in Myer's General Outlines; 1 unit.

3. Civil Government, including the elements of federal and state government; ½ unit.

English.—1. Grammar, the principle of the language as given in any good text, with ability to write sentences with good grammar and spelling; 1 unit.

2. Rhetoric and Composition, as presented in standard works on the subject; such as, Scott and Denny, Lockwood and Emer-

son or Markley. An original theme may be assigned to test style, diction, paragraphing and accuracy of expression; 1 unit.

3. English and American Literature. History of the leading authors, their periods and productions, such as given in Simond's, Halleck, or Pattie and Newcomer. See reading required in the Academy of this University; 1 unit.

Latin.—1. Elements of Latin Grammar, simple exercises in prose composition, translation of Latin sentences such as those in Hale's First Year in Latin; 1 unit.

2. Second Year Latin, Cæsar's Gallic Wars, with more advanced composition and tests in grammar; 1 unit.

3. Readings in Sallust's Caliline and Cæsar's Civil Wars, with tests of grammar and etymology; 1 unit.

Greek.—1. Translation and composition of simple sentences with the elements of Greek grammar. Xenophon's Anabasis at least twenty pages; 1 unit.

2. Xenophon's Anabasis continued, seventy-five to one hundred and twenty pages, or other Attic prose of equivalent amount. Translations, questions of grammatical forms and constructions; 1 unit.

German.—(a). Elementary grammar including the conjugation of weak and more usual strong verbs; declension of articles, adjectives, pronouns and nouns commonly used; model auxiliaries and commoner usages of syntax; 1 unit.

(2). Reading of two hundred pages of simple prose and ability to read at sight easy prose; translation into German of simple English sentences or easy connected prose. Pronunciation with fair accuracy is desired and ability to understand simple derivation in German; 1 unit.

French.—(a and b). Work similar to that in German above,

except that about four hundred pages of reading are required ; 1 or 2 units.

Sciences—Physiology.—The elements of Physiology, Anatomy and Hygiene, as given in Blaisdell's practical Physiology, or Martin's Human Body ; $\frac{1}{2}$ unit.

Physiography.—Half a year's work covering all the leading features of the subject ; $\frac{1}{2}$ unit.

Physics.—Work must cover recitation and class-room demonstrations, as covered by such a text as Carhart and Chute's High School Physics, or Gage's Elementary Physics. Also, individual laboratory work comprising forty exercises selected from such books as Adam's, or Chute's Manual ; 1 unit.

TIME OF EXAMINATIONS.

In all branches covered by the Summer School, examinations can be had at the close of the Summer Term. Examinations on all branches will be offered during the last week in May, or on Wednesday, September 8, 1909, at the University.

REQUIREMENTS FOR GRADUATION.

In prescribing the requirements for graduation, the Faculty accepts the idea of an elective system, but imposes certain modifications in order that the interests of the students and of the institution may alike be safeguarded.

The requirements for graduation may be presented best in sections:

FIRST.—Each student is required to take the following courses:

Mathematics: Courses 1 and 2.

Chemistry: Course 1.

English: Courses 1, 3 and 21.

History: Course 1.

Foreign Languages: Either Ancient or Modern; one year of continuous work (not the first year in any case).

Philosophy: Course 1, and either of courses 2 or 3.

From the courses of the College of the Bible, Christian Evidences or some satisfactory equivalent.

SECOND.—Each student is required to elect by the end of his Sophomore year a “major department.” Then, in consultation with the head of his major department, he shall elect a “minor department.” The heads of these two departments shall form an advisory committee for the student during the remaining years of his course.

In his major department the student shall take each term at least one study, but not more than two. His total of credits in this department shall equal at least forty-eight, at most sixty.

In his minor department the student shall take a minimum of one branch per term during at least three out of four years of college work. (The three years need not be continuous.) His total credits in this department shall equal at least thirty-six, at most forty-five.

THIRD.—Each student is required to make before graduation a total of one hundred and eighty credits.

(By the term credit is meant one hour of recitation per week for one term.)

FOURTH.—Additional credits may be imposed upon candidates for graduation as a penalty for improper conduct. No student may be graduated who is guilty of any gross offense or who fails to make a satisfactory adjustment of his financial account with the institution.

FIFTH.—The degree of Master of Arts will not be conferred upon any candidate whose grade in his work for the Master's degree falls below an average of B.

DISCOUNTS.

Students in special departments may take studies in the Literary Department at \$4.00 each for the Fall term and \$3.00 for the Winter or Spring term, or \$1.25 per month. Students taking full work in two special departments or double work in one special department will receive 10 per cent. discount on tuition. For full work in three or more special departments 20 per cent. discount in tuition will be allowed. A maximum fee for piano rent for unlimited time \$5.00 per month.

SPECIAL NOTICE.

All expenses are payable in advance by the term or month at the option of the student. It is preferred that expenses be paid by the term, and the rates are made a little lower as an inducement. The entire session of three terms is estimated at ten scholastic months.

Students having paid board for the term in advance who leave before the end of the term because of sickness, will be charged board at the monthly rate for the time up to and including the week of withdrawal, and the balance paid will be refunded. Literary tuition is not refunded. No student is received for less than one term without previous agreement.

The Fall Term is estimated at four scholastic months, and the Winter and Spring terms at three scholastic months each.

A WORD WITH PARENTS CONCERNING EXPENSES.

Sometimes parents complain that it costs too much to send their children away to school, but generally this complaint grows out of the unnecessarily extravagant habits of students, which are permitted by parents. Students write home for money and parents respond when oftentimes it would be far better to refuse the request. Inexperienced boys and girls are very poor judges of the amount of money they need for spending, and some fritter away considerable sums in worse than needless

ways. Deposit our money with the school, and it will be paid out as ordered by the parent. Do not permit our children to open accounts in Waco and complain of the bills.

GRADUATE WORK.

Texas Christian University has at present no organized school for graduate work. Provision is made, however, for such students as, after receiving the A. B. degree, wish to take another year of literary work. On a student's completion of a year (forty-five credits) of resident work the University will confer on him the degree of Master of Arts. It is stipulated, however, that such work must be made up of Junior and Senior College Courses, and that whatever supplementary work may be imposed in any case, in order that the course may be entitled to graduate credit, must also be satisfactorily completed. Also, an approved thesis will be required before the candidate is accepted for graduation.

ELECTIVES FROM THE COLLEGE OF THE BIBLE.

Candidates for the degree A. B. are permitted to elect as many as forty-five credits from the studies offered in the College of the Bible, to be selected from the following: Hebrew, New Testament Greek, Later Jewish History, Church History, History of Doctrine, Old Testament Introduction, New Testament Introduction, Messianic Prophecy, Textual Criticism of the New Testament, Law of Moses and Literature of the Old Testament. In case Hebrew is elected as part of the "foreign language" study in the course leading to A. B., it will be deemed a regular branch in the College of Arts.

Candidates for the degree A. M. are permitted to elect as many as twenty credits from any studies in the foregoing list, except the first year in Hebrew; but no studies used in the course for Bachelor of Arts may be recounted for Master of Arts.

COURSES OF INSTRUCTION.

DEPARTMENT OF GREEK.

PROFESSOR ESKRIDGE.

The aim of the courses in Greek is twofold: (1) To bring to the student the discipline which comes through an acquisition of the best in Greek literature, through the study of the Greek language. Aside from etymological advantage even, such a discipline is valuable both for comparative studies in Latin, and to render one more stable in the fundamentals of English. (2) To prepare the way for the interpretation of the New Testament, itself originally given to the world in Greek. This fact alone renders the Classical Greek Department simply invaluable for the man who wishes to become a minister of the gospel.

1. *Elementary Greek (twelve credits).* Fall, Winter and Spring, 4 hrs.

The accomplished student of the Greek language will have (1) a working vocabulary of the language; (2) a knowledge of its grammatical principles; (3) an ability to use this vocabulary and apply these principles, whether for a literary or an exegetical purpose. To make as large a beginning as possible toward these ends, in the simplest and briefest form consistent with thoroughness, and yet to secure a complete introduction to Attic Greek.

Text: Burgess & Bonner, *Elementary Greek*.

2. *Composition and Reading (four credits).* Fall, 4 hrs.

Further selections from the *Anabasis*, with sight translations daily; prose composition, with a review of the most important principles of Syntax.

3. *Reading Course (four credits)*. Winter, 4 hrs.

Goodwin's *Selectins from Herodotus*, Dialect considerations, word study and Syntax.

4. *Composition and Style (four credits)*. Spring, 4 hrs.

Plato. The *Apology* and *Crito*, with word study, style and form, analysis and discussion.

5. *Homer's Iliad or Odyssey (four credits)*.

Fall, 4 hours.

Three books are translated. Special attention is given to scansion, mythology, and the manner of life in the Homeric age.

6. *Greek Oratory (four credits)*. Winter, 4 hours.

(Introduction to Greek Oratory.) Jebb's *Selections from Attic Orators*.

7. *Greek Oratory (four credits)*. Spring, 4 hours.

Demasthenes. *On the Crown*. Word study, style, analysis and discussion.

8. *Greek Tragedy (three credits)*. Fall, 3 hours.

Sophocles Aeschyles, study of the Greek theater, presentation of the drama and prosody.

9. *Aristotle (three credits)*. Winter, 3 hours.

Constitution of Athens, or Nicomacheion ethics.

10. *Later Greek (three credits)*. Spring, 3 hours.

Passages from Plutarch, Philo, and Lucian.

DEPARTMENT OF LATIN.

PROFESSOR ESKRIDGE.

1. *Reading Course (four credits).* Fall, 4 hours.

Ovid. Selections from Ovid. His influence on modern literature, with an introduction to classical mythology. Or Virgil's *Aeneid* Books I-V. Rapid review of forms, together with prose composition and prosody.

2. *Reading Course (four credits).* Winter, 4 hours.

Cicero. Orations Against Catiline, Sallust's Catiline, or Jugurtha. Tacitus *Annales*, or *Germania et Agricola*. Livy, Book I. Introduction to the Syntax of the Latin verb, by lectures and recitations.

3. *Reading Course (four credits).* Spring, 4 hours.

Cicero. *De Senectute*, or *De Amicitia*. The relation of these works to other writings of Cicero will be noticed. Or Cicero's Letters, Abbott's Selections, or Martial and Pliny; Selected Epigrams and Letters. Private life among the Romans. Further study of the Latin verb, together with a critical study of the growth and development of the Subjunctive mode.

4. *Reading Course (four credits).* Fall, 4 hours.

Horace. Odes and Epodes. Or Catullus. Latin versification; memorizing of selections.

5. *Roman Satire (four credits).* Winter, 4 hours.

Horace, Books I-II, or Juvenal; Selected Satires of Persius will be read by the instructor as occasion may demand. Attention will be given to the origin and development of Satire. Syntax by lecture and recitation.

6. *Roman Comedies (four credits)*. Spring, 4 hours.

Captives and Trinummus of Plautus, followed by some play from Terence. A comparative study of these authors, from both the morphological and the literary sides. Manners and customs among the Romans, by lectures and recitations. The versification of Plautus and Terence.

7. *Rhetorical Treaties (four credits)*. Fall, 4 hours.

Horace, *Ars Poetica*; Cicero, *De Oratore* or *Brutus*, or Quintilian Book X, or Tacitus, *Dialogus de Oratoribus*. Elementary principles of literary criticism; the debt of these writers to Greek sources.

8. *Roman Philosophy (four credits)*. Winter, 4 hours.

Lucretius, *De Rerum Natura*; or Cicero *De Natura Deorum*, or *De Finibus* and *Tusculanae*, or Seneca, selections. The place of Roman Philosophy in the history of Philosophy.

9. *Allen's Fragments of Early Latin (four credits)*.

Spring, 4 hours.

Merry's *Fragments of Roman Poetry*. Egbert's *Latin Inscriptions*.

An additional year's course for work leading to the degree of Master of Arts will be arranged to meet the student's requirements.

DEPARTMENT OF MODERN LANGUAGES.

PROFESSOR LONG.

MR. MOLINA.

GERMAN.

1. *Elementary German (fifteen credits)*. Throughout year, 5 hrs.

German grammar. Practice in speaking and writing German. Reading of easy modern texts. This course is offered to those who do not present German for entrance.

2. *Grammar Reading and Composition (fifteen credits).*

Fall, Winter and Spring, 5 hours.

German syntax. Pope's German Composition. Reading of modern prose and poetry. A classic play, preferably Schiller's *Wilhelm Tell* or Lessing's *Minna Von Barnhelm*, will be read. Collateral reading, History of Germany.

3. *Introduction of German Literature (twelve credits).*

Fall, Winter and Spring, 4 hours.

Lectures giving an outline of the history of German literature. Stress will be given to the political and social conditions after the Thirty Year's War and the general rise to the classic period. Reading selected from the works of Lessing Goethe and Schiller. Collateral reading and reports.

4. *German Romanticism. Goethe's Faust (twelve credits).*

Fall, Winter and Spring, 4 hours.

Study of the origin and development of the Romantic movement. Reading selected from Kleist, Grillparzer, Uhland, Heine, and other writers. The last half of the year is devoted to *Faust*, with a careful study of the sources and development of the *Faust* legend in its various forms. Lectures, collateral reading and reports.

5. *German Literature of the Nineteenth Century (nine credits).*

Fall, Winter and Spring, 3 hours.

Lectures on the development of German literature from the Romantic movement to the present time. Especial

emphasis is given to the modern tendencies of German literature. Reading selected from representative poets, novelists and dramatists.

6. *Goethe and Schiller (nine credits)*.

Fall, Winter and Spring, 3 hours.

A critical and literary interpretation of the masterpieces of Goethe and Schiller. Acquaintance with their lives is presupposed. Study of the development of German literature during the classic period. Lectures collateral reading and reports.

7. *General Survey of German Literature (nine credits)*.

Fall, Winter and Spring, 3 hours.

A general view of German literature from the earliest times to the present day is presented. Study of writers representative works and the general literary movements in each country. Robertson's History of German Literature and Max Muller's German Classics. Lectures, illustrative readings and reports.

FRENCH.

MR. MOLINA.

1. *Elementary French (nine credits)*

Fall, Winter and Spring, 3 hours.

Fraser and Squair's Grammar. Pronunciation, dictation, and translation of easy French and English. Sight-reading and daily exercises in composition. Reading selected from Aldrich and Foster's French Reader, Malot's Sans Famille, Labiche and Martin's Voyage de M. Perichon, Dumas, La Tulipe Noire and other graded stories.

2. *Intermediate French (twelve credits)*

Fall, Winter and Spring, 3 hours.

The grammatical study of this course is devoted to Syntax and advanced composition. Frequent practice in dictation and conversation is given. The reading to be selected from Merimee's *Colomba*, San's *La Mare au Diable*, Balzac's *Eugenie Grandet*, Augier's *Le Gendre de M. Poirier*, and from the stories of Daudet, Maupassant or other nineteenth century writers.

3. *French Literature of the Seventeenth and Eighteenth Centuries (nine credits).*

Fall, Winter and Spring, 3 hours.

This course will include the study of the great dramatists and prose writers of the classic period. Several lectures will be given on the origin and development of the drama. The reading in class is devoted to Corneille, Molière, Racine, Voltaire, and Rousseau. Collateral reading, themes and reports in French.

4. *French Literature of the Nineteenth Century.*

Fall, Winter and Spring, 3 hours.

French literature from the Romantic movement down to the present time will be studied. Reading is selected from representative writers. Study of authors, their ideas and influence. Lectures, collateral reading and reports in French.

SPANISH.

MR. MOLINA.

1. *Beginner's Course (twelve credits).*

Fall, Winter and Spring, 3 hours.

Hill and Ford's *Spanish Grammar*, translation of easy English and Spanish, simple dictation and conversation.

The reading will be selected from Bransby's Spanish Reader, Jose's Valde, Victoria y otros Cuentos, El Pajaro and Verde.

2. *Intermediate Course (nine credits).*

Fall, Winter and Spring, 3 hours.

Advanced Grammar. Care is given to subjects of composition, syntax, translation and conversation. Ford's Spanish Composition. Reading selected from Cuentos Castellanos, El Captain Veneno, Dona Perfecta, Pepita Jimenez and other selected works.

3. *Introduction to Spanish Literature (nine credits).*

Fall, Winter and Spring, 3 hours.

This course is offered to give the student an opportunity to study representative Spanish authors. The works of Lope de Vega, Caldron, and nineteenth century writers will be studied. An outline of Spanish literature will be given. Lectures, themes and reports.

DEPARTMENT OF ENGLISH.

PROFESSOR SEARS.

PROFESSOR HAMNER.

The department of English present courses in:

- I. Rhetoric and English composition.
- II. English Language.
- III. English and American Literature.

The object of the courses in Rhetoric and Composition is to develop the student's power of self-expression. Consequently, throughout this work the emphasis is placed upon the art of composition rather than upon a knowledge of theoretic rhetorical. The consideration of modern prose classics is a regular feature of each course.

The language section of the English Department consists of courses in Old and Middle English. The aim is, primarily, to vitalize and make virile the student's diction through first hand contact with the elemental qualities of the race, to widen his vocabulary and to lead him to a comprehension of historical English Grammar. An additional aim is to bring the student into close relationship with the founders of English institutions; to make him familiar with their speech, their mental habits and characteristics; and to trace from the beginning of the historic period to the present the development of our literature, with a view to a better understanding and appreciation of it.

The purpose of the courses in Literature is to quicken the student's life through contact with the great thought and feeling of our race; to make him familiar with the important literary productions of England and America; to teach him to appreciate their beauties; and to assist him in developing sound ideas of literary excellence.

I.—COURSES IN RHETORIC AND ENGLISH COMPOSITION.

1. *Rhetoric and English Composition (four credits)*. Fall, 4 hrs.

A course in plain prose composition. At least two themes per week required; numerous shorter exercises; class criticism and discussion; the study of some text on rhetoric. Required of all students. Prerequisite for all other English courses.

2. *Rhetoric and English Composition (two credits)*. Winter, 2 hours.

A continuation of course 1, for the benefit of such students as prove unable to finish that course with credit, but on a satisfactory completion of it full credit for course 1 will be given.

3. (a) *English Composition (four credits)*. Winter, 2 hrs.
Daily exercises and class discussions. Practice afforded chiefly in exposition. Required of all students.
(b) The second half of the course deals more especially with persuasion. Spring, 2 hrs.
4. *English Composition (three credits)*. Fall, 3 hrs.
A course in narrative and descriptive writing. Considerable time will be given to a study of the Short Story.

II.—COURSES IN ENGLISH LANGUAGE.

1. (a) *Old English (nine credits)*. Throughout year, 3 hrs.
Grammar and simple exercises in translation.
(b) *Old English (nine credits)*. Throughout year, 3 hrs.
Selected prose readings.
(b) *Old English (nine credits)*. Throughout year, 3 hrs.
Selected readings from Old English poetry.
2. *Middle English (nine credits)*. Fall, 3 hrs.
Selected readings, prose and poetry. Relation of Middle English to Old English considered; dialectal peculiarities discussed. Some knowledge of Old English will be necessary for a satisfactory handling of the work.
3. *Chaucer and the Pre-Renaissance (six credits)*.
Winter and Spring, 3 hours.
Reading of Chaucer's works; discussions of his language and his art. Lectures on the life and times of the poet. Toward the latter part of the course some time will be given to a consideration of the literature of the transition period immediately following the age of Chaucer.

III.—COURSES IN ENGLISH AND AMERICAN LITERATURE.

21. *Introduction to English Literature (eight credits)*.
Winter and Spring, 4 hours.
A consideration of the more important species of epic,

lyric and dramatic literature with a view to securing such appreciation of the masterpieces chosen as shall lead to more extended reading and study. Required of all students. Prerequisite for all other Literature courses.

22. *English Literature, 1557-1625 (five credits).*

Fall, 5 hours.

The Age of Elizabeth and the Renaissance.

23. *English Literature, 1625-1688 (five credits).*

Winter, 5 hours.

The struggle of Puritan and Cavalier.

24. *English Literature, 1688-1744 (five credits).*

Spring, 5 hours.

"The Age of Reason and Regulation."

25. *English Literature, 1744-1795 (three credits).*

Fall, 3 hours.

The fading of the classical tradition; the rise of Romanticism.

26. *English Literature, 1798-1832 (three credits).*

Winter, 3 hours.

The Period of Revolution and Romance.

27. *English Literature, 1832-1892 (three credits).*

Spring, 3 hours.

Courses 22 to 27 form a series covering the history of English Literature from the beginning of the modern period to the present time. The object in each is to secure such general acquaintance with the literature of the period under consideration as can come from rapid reading of its important writings. Lectures, class discussions and papers on assigned topics are features of the work. These courses need not be taken in chronological order, but it is desirable that they should be so taken, if possible.

28. (a) *American Literature (six credits)*. Fall, 3 hours.

Studies in the works of the most important American Authors. Especially of the New England group. Particular attention is given to the development of characteristically American qualities in our literature.

- (b) Winter, 3 hours.

The literature of the Middle and the Southern Atlantic States, followed by a rapid survey of the literary field in more recent years, especial attention being given to apparent tendencies in the South and West.

29. *Browning (three credits)*. Spring, 3 hours.

Study of most important poems and dramas; consideration of Browning's philosophy in relation to his times.

30. *Shakespeare (three credits)*. Fall, 3 hours.

The English history plays. The growth of dramatic art; the relation of the plays to their sources; the modification of materials, structure technique and other similar subjects will be discussed. (Not offered 1909-10).

31. *The English Novel (six credits)*.

Winter and Spring, 3 hours.

Lectures of the development of the novel followed by class study of a number of representative novels. (Not offered 1909-10).

DEPARTMENT OF HISTORY AND POLITICAL SCIENCE.

PROFESSOR COCKRELL.

This department presents courses which will tend to help solve some of our national, state and city problems, as well as give a knowledge of the chief persons and events of the past. With these objects in view, the following work is offered:

I.—HISTORY.

1. *Constitutional and Political History of England* (nine credits). Fall, Winter and Spring 3 hours.
Text, Oman. Assigned readings. Required of all students.
2. *History of Greece to the Death of Alexander the Great* (three credits). Fall, 3 hours.
3. *History of Rome* (six credits). Winter and Spring, 3 hrs. per week.
Text: Hew & Leigg.
4. *History of Modern Europe* (three credits).

Fall, 3 hours.

This course consists of the study of a text-book—Sewill's *Modern Europe*—also of parts of Hassall's *Balance of Power*, Prothro's *Modern Europe*, Phillips' *Modern Europe* and other works.

II.—SOCIOLOGY.

6. *Sociology* (six credits). Winter and Spring, 3 hours.
7. *Practical Social Problems of the Day* (four credits).
Winter and Spring, 2 hours.

In this class such problems as Child Labor, Factory Laws, Poor Laws, Charities, Crime and Divorce will be assigned and discussed.

III.—ECONOMICS.

8. *Economics* (one credit).

Fall, 1 hour.

Text: Bullock. Such subjects as "Rent," "Interest," "Co-operation," "Taxation," etc., will be taken up in this course.

9. *Practical Economic Questions of the Day (two credits).*

Fall, 2 hours.

"The Trust Problem," Jinks. Assigned reading from
"Trusts, Pools and Corporations," by Ripley.

10. *Practical Economic Questions (two credits).*

Winter, 2 hours.

"Trade Unionism and Labor Problems," by Commons.
Assigned readings.

IV.—PUBLIC LAW.

11. *International Law (two credits).*

Fall and Winter, 2 hours.

Texts: Woolsey's International Law, and Scott's "Cases
on International Law."

12. *American Diplomacy (two credits).* Fall, 2 hours.

From one point of view Diplomacy is International Law
applied. This course offers a study of our diplomatic
and foreign relations.

13. *The Government and Constitution of the American States
and Nation (six credits).*

Winter and Spring, 3 hours.

14. *Comparative Constitutional Law (four credits).*

Winter and Spring, 2 hours.

A comparative study of the constitutions of America,
England, France, Germany and other nations. Text and
lecture.

15. *Commercial Law (four credits).*

Fall, Winter and Spring, 2 hours.

A study of the law relating to Contracts, Commercial
Paper, etc. (Private Law.)

DEPARTMENT OF PHILOSOPHY.

PROFESSOR FARIS.

The introductory courses in this department are designed to meet the needs of students who elect Philosophy for the sake of general culture. The aim is to awaken an intelligent interest in the fundamental problems of life and mind, to develop the power of methodical and accurate thinking, and to foster independence of judgment. At the same time they afford a correct approach to the problems of teaching and religious instruction as well as to the more abstract inquiries of metaphysics.

Philosophy A (three credits).

Fall, 3 hours.

An introductory course open to Freshmen and Sophomores designed to furnish an approach to the later work in Psychology and metaphysics.

1. *Psychology (six credits).*

Fall and Winter, 3 hours.

This course begins with a series of lectures on the Physiology of the nervous system, after which a general study of the mental processes is made. The aim is to train the student to observe his own mental state and to appreciate what he may read in psychological literature, as well as to prepare for later work in Pedagogy and Philosophy. Angell's text, with James for constant reference, is used. A series of original papers on the topics of study will be prepared. Required of all students. Prerequisite, 60 college credits.

2. *Logic (four credits).*

Winter, 4 hours.

Besides the topics usually included in a course in Logic such as the concept, forms of judgment, inductive and deductive reasoning and fallacies, this course will lay stress

on the functional nature of the thought-process and on the fundamental underlying principles of a psychological nature.

The aim of the course will be: (1) To familiarize the student with the historical development of the science; (2) to train him in careful critical habits of thought, and (3) to provide a foundation for subsequent work in philosophy. Text-books, lectures, assigned reading and written exercises.

3. *Ethics (four credits).* Spring, 4 hours.

An introductory course aiming to familiarize the student with the different types of ethical theory, as well as to reach a method of estimating and controlling conduct. Special attention will be given to the relation of the individual to society and the bearing on the question of the meaning of freedom and moral responsibility. Text-books, lectures, assigned reading and original papers.

4. *History of Philosophy (a) (six credits).* Fall and Winter, 3 hours.

In the first half of the course will be treated the history of philosophical ideas from the early Greek cosmogonies down to the time of the Renaissance. Especial attention will be given to the more important dialogues of Plato, Aristotle's *Ethics* and the systems of Epicureanism and Stoicism.

History of Philosophy (b). Winter, 3 hours.

A rapid survey of the whole field of Modern Philosophy—the work of Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, Kant and Hegel, will be considered.

5. *Problems of Philosophy (four credits).* Spring, 4 hours.

A consideration of the fundamental problems of Philosophy and their solution. The following subjects will be taken up: The nature of Philosophy; its relation to science and religion; Materialism; Idealism, Agnosticism; Atomism; Theism; Pantheism; Realism; Empiricism; Rationalism. A thesis will be prepared by the student.

6. *Outlines of Experimental Psychology (two credits).* Winter, 2 hours.

Designed to familiarize the student with the methods of Laboratory Psychology. An investigation of the main features of sensation, attention, reaction, time, etc. Titchener's Manual will be used.

7. *Psychology of Religious Pedagogy (three credits).* Fall, 3 hours.

A course in the general principles of Psychology as applied to the training of children, the religious nature of the child, and the best means of developing it according to these principles. Designed for Sunday School teachers, ministers of the gospel and others who have part in the religious training of the young.

8. *Psychology of Religion (three credits).* Spring, 3 hours.

A study in the various types of conversion and of the changes in the psycho-physical organism corresponding to the rise of the religious consciousness.

10. *Platonism (three credits).* Spring, 3 hours.

A study of the more important dialogues will be read in translation with Pater's Plato and Platonism for a commentary. A thesis will be prepared by the student.

11. *Epistemology (two credits)*. Winter, 2 hours.

In this course a study of the two great theories represented by Descartes, the rationalist, and Bacon, the empiricist, but reaching back to the beginning of the history of thought, will be undertaken. Lock, Hume and Leibnitz will be studied chiefly.

12. *Metaphysics (two credits)*. Spring, 2 hours.

An examination, as systematic and detailed as the length of the course will permit, of the leading types of philosophic theory with a consideration of the various kinds of solution that have been offered.

13. *Movements of Philosophic Thought in Modern Literature (two credits)*. Spring, 2 hours.

A survey of Rousseau, Kant, Hegel, and Schopenhauer, will be rapidly made, after which the stream of thought will be traced through Goethe, Coleridge, Wordsworth, Carlyle, Emerson, Browning, Tennyson.

DEPARTMENT OF MATHEMATICS.

PROFESSOR ALEXANDER.

The part which Mathematical reasoning contributes toward mental training can be supplied by no other subject. It furnishes in ready available form matter which leads by easy natural graduation from the lowest to the highest form of abstraction. In exactness, in content of terms, sharp discrimination, and certainty of thought processes, it is not excelled, if equalled, by any other subject in the whole field of intellectual training. This view of its value and office dictates, to a large extent, the selection of courses of instruction; however, the practical bearing of each on the affairs of every-day life, is by no means neglected. Following are the courses in detail:

1. *Solid Geometry* (five credits). Fall, 5 hours.

Preparation for this class includes a thorough knowledge of Algebra at least through quadratic equations, and a mastery of Plane Geometry. The methods of Plane Geometry are continued; original work is emphasized, very few, if any, of the exercises of the text being omitted. Analogies between Solid and Plane Geometry are noticed. Required of all students.

Text: Wentworth.

2. *Plane Trigonometry* (five credits). Winter, 5 hours.

This course consists of a study of the trigonometric functions and anti-functions, together with a large number of formulas dealing with their relations; the solution of the right and oblique triangle, and construction of logarithmic tables. Practical problems of considerable number and variety are solved. Required of all students. Text: Wentworth.

3. *Surveying* (five credits). Spring, 5 hours.

All ordinary problems of the practical surveyor, including land surveying, triangulation, topographic and profile leveling, city surveying, etc., are given careful study. A liberal amount of field practice with a good surveyor's transit is required. Required of all male students.

Text: Wentworth.

4. *Spherical Trigonometry* (two credits). Fall, 2 hours.

Right and oblique spherical triangles are solved. Practical application is made to the celestial sphere, a considerable number of astronomical problems being worked out. Required of all students.

Text: Wentworth.

5. *Advanced Algebra (four credits).*

Winter and Spring, 2 hours.

A course intended for those desiring a more extended knowledge of Algebra than is usually obtainable in the high school, covering such subjects as permutations and combinations, theory of equations, determinants, complex numbers, partial and continued fractions. Required of all students taking Mathematics as their minor subject.

Text: Hawkes.

6. *Plane Analytic Geometry (nine credits).*

Fall, Winter, and Spring, 3 hours.

The work in this course consists of a thorough discussion of the relation of the equation to the locus; translation of geometric conditions into algebraic terms. Conic sections and other curves are studied by means of both Cartesian and polar coördinates. Text: Smith and Gale.

7. *Solid Analytic Geometry (three credits)* Fall, 3 hours.

A continuation of the methods of course 6; coördinates being extended to include space of three dimensions. Open to students who have had course 6. Text: Smith and Gale.

8. *Descriptive Geometry (four credits).*

Fall and Winter, 2 hours.

Orthographic projection. Intersection of planes and solids, intersection of solids, and development of solids. This course is designed to meet the needs of those desiring to do technical work along Mathematical lines. Prerequisites, courses 1 and 6.

Text: Faunce.

9. *Astronomy (three credits).*

Winter, 3 hours.

This course is largely theoretical, intended primarily as

a culture course. A few practical problems, elementary in character, requiring a knowledge of courses 2 and 4, are solved. The recitation is conducted largely by means of lectures. Recommended to all students taking a literary degree.

Text: Moulton's Introduction to Astronomy.

10. *History of Mathematics (three credits).*

Spring, 3 hours.

To appreciate any subject, something of its history must be known. This course attempts, in a brief way, to trace the development of the science of Mathematics through the centuries down to the present time, showing that while it is the most highly developed and exact of all the sciences, still it is not the stale, dead thing that it is commonly supposed to be, but is a living, growing science, vitally connected with the progress and development of these modern times.

Text: Cajori.

11. (a) *Differential Calculus (eight credits).*

Fall and Winter, 4 hours.

No subject in the college curriculum, gives one a greater appreciation of the logical beauty and rigor and the practical utility of a Mathematical course than does the calculus. In this course a large number of formulas for differentiation are developed and these applied to the solution of a great variety of problems. Required of all students who are taking mathematics as their major subject.

(b) *Integral Calculus (four credits).*

Spring, 4 hours.

A continuation of course 11a. The integral is studied from the twofold standpoint of anti-differentiation and the

process of summation. After developing standard forms of integration, attention is given to problem-solving, a large number, which are encountered in the studies of physics and mechanics, being chosen. Requirements same as in course 11a.

Text: Granville.

12. *Theoretical Mechanics (nine credits)*. Fall, Winter and Spring, 3 hrs.

This course, aside from its own practical value, is intended to reënforce the knowledge obtained from the courses in Calculus. It may be taken by Seniors or candidates for the degree of Master of Arts, who have had courses 11a and 11b.

Text: Hoskins.

DEPARTMENT OF CHEMISTRY AND PHYSICS.

PROFESSOR PARKS.

1. *General Inorganic Chemistry (four credits)*. Fall, 4 hrs.
Laboratory, 4 hrs.

(a). A study of the non-metals by text-book, lectures and laboratory work. Text, Remsen's Chemistry; Remsen's Laboratory Manual.

(b). A study of the metals. Recitation, lectures and laboratory work extends as above. Winter, 2 hrs. of recitation and 4 hrs. of laboratory work.

(c). A course supplementary to (a) and (b). Texts as the above. Spring, 2 hrs. of recitation and 4 hrs. of laboratory work.

The aim of Course 1 will be to give a definite idea of the basic principles of Chemistry, and not only to lay the foundation of a broader and deeper knowledge of the sub-

ject, but also to supply that which is needed by all wishing to secure a liberal education.

2. *Qualitative Analysis (eight credits)*. Fall, 1 hr of recitation and 6 hrs. laboratory work.

(a). Lectures and recitations accompanying the work in the laboratory. The work begins with the study of the department of re-agents, is followed by the separation of the simpler bases into groups and ends with the separation of acids. Prerequisites, Course 1. Text, Sellers.

- (b). *Advanced Qualitative Analysis*. Winter, 8 hrs. laboratory work.

Mainly laboratory work in systematic analysis with occasional lectures and recitations. Text, Sellers and Fresenius.

3. *Advanced Inorganic Chemistry (four credits)*. Fall, 4 hrs.

This course consists of a more advanced study of inorganic chemistry. Such subjects as the periodic law, dissociation theory and other modern views will receive emphasis.

Text: Remsen's College Chemistry.

4. *Quantitative Analysis (twelve credits)*. Fall, 4 hrs.

(a). Chiefly laboratory work in gravimetric and volumetric analysis. Prerequisite, Course 1.

- (b). *Advanced Quantitative Analysis*. Winter, 4 hrs.

A continuation of Course 4, dealing more particularly with gravimetric analysis.

- (c). *Advanced Quantitative Analysis*. Spring, 4 hrs.

A continuation of Course 4, dealing with special volumetric methods.

Text: For the entire Course, Talbot, Fresenius and Sutton.

5. *Organic Chemistry (three credits)*. Spring, 3 hrs.

A consideration of the principles of Organic Chemistry, dealing with the more important hydrocarbon compounds.

Prerequisite, Course 1.

Text: Remsen.

6. *Physical Chemistry (two credits)*. Fall, 2 hrs.

This course deals with such topics as the atomic theory, the periodic law, methods of molecular determination, and electrolytic dissociation. Prerequisites, Physics 1, and Chemistry 4.

Text: Walker.

7. *History of Chemistry (two credits)*. Spring, 2 hrs.

A course tracing the rise and development of modern Chemistry. Prerequisite, Course 1.

Text: Venable.

8. *Special Methods in Quantitative Analysis (four credits)*.

Winter, 3 hrs.

Eight hours laboratory work.

Each student in Chemistry is required to make a deposit of \$5.00 to cover breakage. At the end of the year this deposit, less the amount of breakage, will be refunded.

Laboratory fees in each of the foregoing courses, except Course 7, for which no fee is charged, is \$4.00 per term.

II.—PHYSICS.

1. *General Physics (twelve credits)*. Fall, 4 hrs.

(a). A course in which are presented largely from the experimental standpoint the most important principles involved in the study of mechanics and heat. The instruction is given by means of text-books and lectures, fully illustrated by class-room experiments, and supplemented by

recitations and written examinations. Open to those who have had Elementary Physics and Trigonometry.

Text: Hasting and Beach.

(b). Winter, 4 hrs.

A continuation of the above course treating of magnetism and electricity.

(c). Spring, 4 hrs.

A continuation of the above course dealing with sound and light.

2. (a) *Laboratory Physics (four credits)*. Winter and Spring, 4 hrs. laboratory work.

Experiments in different branches of the subject selected from leading manuals. The student is required to keep a permanent record of all work done. Prerequisite, Course 1. Two hours in the laboratory are equivalent to one of recitation.

3. *The Dynamo (three credits)*. Winter, 3 hrs.

History, theory and design of dynamos and motors. Prerequisite Course 2.

4. *Spectroscopy (two credits)*. Spring, 2 hrs.

A study of the theory and practice of spectrum analysis, with a comparison of various spectra. Laboratory reference book, Stewart and Gee.

A laboratory fee of \$2.00 is charged for each of the foregoing courses per term.

DEPARTMENT OF BIOLOGY AND GEOLOGY.

PROFESSOR ANDERSON.

I.—BIOLOGY.

A.—BOTANY.

The course in Botany embraces full work during the entire

session of three terms, three hours per week in class room. Four hours per week in library, laboratory, or field will be required. Laboratory work must be recorded in permanent form in note book and drawings. The lantern will be used in lecture room.

1. *Botany (twelve credits).* Fall, 3 hrs.

(a). Respiration, assimilation, sensation, reproduction, and differentiation will be given especial attention.

(b). Winter, 3 hrs.

The evolution of the plant kingdom from the lowest forms to the highest will be carefully studied through Thallophytes, Bryophytes, Pteridophytes, and Spermatophytes.

(c). Spring, 3 hrs.

The entire term will be devoted to the study of the morphology and ecology of a limited number of typical plants.

Texts and collateral reading: Leavitt's Outlines of Botany, Bergen's Foundations of Botany, Sedgwick and Wilson's General Biology, Coulter's Plant Relations, Coulter's Plant Structure..

B.—ZOOLOGY AND PHYSIOLOGY.

2. *Zoölogy (twelve credits).* Fall, Winter and Spring, 3 hrs., laboratory, 4 hrs.

A course in general Zoölogy. Attention is given to the morphology and physiology of the various animal types. Minute forms are studied by the aid of the compound microscope. Dissections are made of larger forms. Laboratory work must be made definite and explicit in the form of notes and drawings. Lectures are given and readings assigned on such topics as Instinct, Mimicry, Influence of

Environment, Symbiosis, Struggle for Existence, Survival of the Fittest, Life Cycles, Care of the Young, Animal Habitations, etc. Recitations are required on lecture topics and text reading.

Texts: Jordan and Heath, Jordan and Kellog, Pratt.

3. *Physiology (six credits)*. Fall and Winter, 3 hrs.

Martin's Human Body, advanced course, is used as text.

4. *Sanitary Science (four credits)*. Spring, 2 hrs., laboratory, 4 hrs.

5. *Biology (four credits)*. Fall, 2 hrs., laboratory 4 hrs.

Texts, Sedgwick and Wilson. Protoplan is studied in an exhaustive way, first as regards its chemical and physical characteristics as manifested in the simplest forms of life, and then in the more complicated organisms. Dictative, recitation and laboratory methods will be used.

6. *Histology (four credits)*. Winter, 2 hrs.

Animal tissues studied microscopically. Methods of preparation for microscopical works are given due attention.

7. *Bacteriology (four credits)*. Spring, 2 hrs. Laboratory, 4 hrs.

Study of saprophytic of pathogenic bacteria.

II.—GEOLOGY.

The work offered in Geology extends through the session of three terms, three hours per week in recitation and two hours per week in laboratory, library or field. The lantern will be used freely in the lecture room. A careful study of the first chapter of Genesis will be required in connection with the regular class work. Especial attention will be given to the study of the development of the North American continent.

Texts and collateral reading: Le Conte's Elements of Geology.

gy, (fifth edition); Dana's Manual of Geology, (fourth edition); Giekie's text-book of Geology (fourth edition); Morris' Six Work Days of God.

8. (a) *General Geology* (twelve credits). Fall, Winter and Spring, 3 hrs. Laboratory, 2 hrs.

Lectures, recitations and field work, covering the entire work offered by preparatory texts.

- (b). *Dynamic and Structural Geology*.

Especial study given to atmosphere, aqueous, igneous, and organic agencies; stratification, metamorphism, denudation and mountain structure.

- (c). *Historical Geology*. Spring, 3 hrs.

Covering the Archean, Palezoic, Mesozoic, Cenozoic and and Psychozoic eras. Especial attention given to comparative life forms in fossil remains leading to a discussion of the evolution of life on the globe. In this connection a study of certain sacred literature is offered.

9. *Anthropology* (four credits). Spring, 4 hrs.

This course is offered to seniors who have had Geology 8, and Zoology 6.

Text: Tylor.

COLLEGE OF THE BIBLE.

FACULTY.

CLINTON LOCKHART, A. M., Ph. D.,

*Dean of the College of the Bible, Professor of the Hebrew
Language and Literature.*

J. B. ESKRIDGE, A. M., Ph. D.,

Professor of Greek.

ELLSWORTH E. FARIS, S. B., A. M.,

Professor of Sacred History and Philosophy of Religion.

EGBERT R. COCKRELL, A. M., LL. M.,

Professor of Church History.

G. A. LEWELLEN, A. M., Ph. D.,

Professor of English Bible and Homiletics.

CLYDE BATSELL REEVES, A. B., B. O.,

Professor of Public Reading and Speaking.

MRS. W. C. HUNTER,

Professor of Church Music.

PURPOSE OF THE COLLEGE.

The primary intent of the College of the Bible is to give large place in liberal education to the greatest of all classics, the Holy Scriptures, and through the leading of the divine message to train young men and women for Christian usefulness in any station and vocation of life. It cherishes the high ideal of learning which only a school of the church can supply, not only to impart a worthy degree of Biblical information to

the student, but so to direct his research and quicken his inspiration for study as to lead him through later years zealously to lay under tribute every available resource of scholarship. This College therefore invites worthy people to prepare for worthy tasks in life, and seeks to kindle an unquenchable desire for usefulness in a world that sorely needs the best endeavor of Christian manhood and womanhood. It further seeks to en-throne the Christ in faithful hearts, to adorn the gifts of mind with the graces of culture, to awaken as the deepest longing of the soul, a yearning to lead other souls into the light of truth, and to help in humble measure to attune the thought of the time to the thought of the timeless Teacher of men.

While the church calls loudly for an educated ministry, and the world needs above all else preachers of the highest possible attainments, the demand for many other workers in various callings, increases and must continue to increase. It is accordingly required of every University under the auspices of the church and seeking the greatest efficiency in training young people for the duties of coming years, both to furnish ample facilities for the preparation of public proclaimers of the faith, and also to provide a practical and wisely directed system of study and work, suited to those who anticipate numerous other religious activities and responsibilities.

To meet this double need, the College offers two courses of study: (1), a Classical Course, requiring the degree of Bachelor Arts from a creditable college of liberal arts, and leading to the degree of Bachelor of Divinity in the College of the Bible; and (2), an English course, requiring a prescribed attainment in academic studies, and leading to a diploma indicative of creditable English work in the College of the Bible. The former will signify a high rank in ministerial education, and is designed to prepare the messenger of faith for the most

successful services in the church; and the latter will afford an honorable preparation for preaching the word, for teaching in Bible schools and missions, for the organization and direction of co-operative work of all kinds in the church; hence, for the manifold ministries of preachers, preachers' wives and other helpers, missionaries, Bible school and Endeavor workers, ministers' clerks and amanuenses, leaders of every form of religious music, and many other classes of men and women that desire to be useful in the Christian life. It is hoped that thus the work of the College may be thorough, yet broad and adaptable to the ever varying needs of the future church.

TERMS OF ADMISSION.

To be admitted to the Classical Course, a student must have at least Sophomore standing in the College of Liberal Arts, and must have completed the History of Israel (15 credits), Life of Christ (8), Apostolic History (4), Hermeneutics (4), English Exegesis (8), in the College of the Bible.

(By the term "credit" is meant one hour of recitation per week for one term.)

To be admitted to the English Course, a student must have Freshman standing in the College of Arts and Sciences, less foreign languages and Geometry, or, otherwise, pursue delinquent branches in the Academy during the first year in this college. With consent of the faculty a student may pursue selected studies for which he is prepared without regard to standing.

No applicant will be admitted if known to be wanting in Christian character, or to have a dishonorable record in another college.

GRADUATION.

A candidate for the degree of Bachelor of Divinity, must, in addition to entrance requirements, complete a course of 105 credits in this College, of which 39 shall be elective and 66 in the following branches: Homiletics (9), New Testament Greek (24), Hebrew (24), and Church History (9). Of credits in branches taught in this College and counted for the degree Bachelor of Arts, no more than 36 may be recounted toward the degree Bachelor of Divinity. Of credits from this College counted for Master of Arts, 20 may be recounted for Bachelor of Divinity. In no case may more than 36 credits be recounted.

A candidate for graduation in the English Course must complete in this College the sum of 90 credits, of which 51 shall be elective and 39 in the following branches: History of Israel (15), Life of Christ (8), Hermeneutics (4), Apostolic History (4), English Exegesis (8); and in the College of Arts, Psychology and Evidences of Christianity.

COURSES OF INSTRUCTION.DEPARTMENT OF SACRED HISTORY AND
CHURCH HISTORY.

- 1, 2, 3. *The History of Israel (fifteen credits)*. Fall, Winter and Spring, 5 hrs.

A careful study of the historical material from Genesis to II. Chronicles, with collateral studies in the history of Egypt, Babylonia, Assyria, and Palestine. Lectures and text of the Bible, American Standard Edition. Professor Faris.

- 4, 5, 6. *Later History of the Jews (twelve credits)*. Fall, Winter and Spring, 4 hrs.

A collation of historical facts in Jewish history, beginning with the Babylonian Exile, and extending to the Fall of Jerusalem under Titus. Lectures and assigned reading. Text-book in Greek and Roman Periods, Riggs. Dr. Lockhart.

- 7, 8. *The Life of Christ (eight credits)*. Fall and Winter, 4 hrs.

The four Gospels studied in chronological order with lectures and assigned topics. A careful exegesis of select portions of the text in English, with emphasis on the peculiar life and teaching of Jesus. Dr. Lockhart.

9. *Apostolic History (four credits)*. Spring 4 hrs.

Historical and exegetical study of Acts of Apostles, with further history of the church to the end of the first century, gathered from the Epistles and extra-Biblical sources. Lectures and assigned reading. Prof. Lewellen.

- 10, 11, 12. *Church History (nine credits)*. Fall, Winter and Spring, 3 hrs.

A full course in the history of the Christian Church from the Apostolic age to the present time, with careful attention to the development of the Roman and Greek Catholicism, and special survey of the several important denominations. A text-book will be used, and library work assigned. Prof. Cockrell.

- 13, 14, 15. *History of Christian Doctrine (nine credits)*. Three hours, full year. (Offered on demand.)

A careful study of the leading doctrines of the early church, a tracing of the changes in religious thought and the development of various systems to the present time.

Text book with lectures and assigned work. Prof. Cockrell.

- 16, 17. *History and Plea of the Disciples (four credits)*. Fall and Winter, 2 hrs.

A course of lectures reviewing briefly the establishment and character of the leading Protestant Churches as a background and condition of the rise and progress of the Disciples. A careful statement of their principles and pleas, together with their fitness to the present age. A course of lectures with special investigation in the library. Dr. Lockhart.

DEPARTMENT OF HERMENEUTICS AND EXEGESIS.

The following branches of work are offered to students of the English Bible, a knowledge of the Hebrew and Greek Languages not being required.

1. *Hermeneutics (four credits)*. Fall, 4 hours.

The fundamental principles of interpretation, with studies by the inductive method, will be presented in a text book. Numerous passages of Scripture thoroughly illustrating the rules of interpretation will be presented in class-room discussions.

Text book: "Principles of Interpretation." Dr. Lockhart.

- 2, 3. *Exegesis, Earlier Epistles of Paul (eight credits)*. Winter and Spring, 4 hours.

Selected Epistles from the earlier writings of the Apostle will be presented in lectures, with numerous questions to be investigated by reference to the library. Introduc-

tions to the Epistles, including the related history of the Apostle's work with the churches to which the Epistles are addressed, the date of writing, and the conditions of the churches at the time. Also a careful exegesis of the text, using the American Revised Version, as a basis of study, with occasional statements concerning the Greek text on points of doubtful interpretation. Dr. Lockhart.

- 4, 5. *Exegesis, Later Epistles of Paul (eight credits)*. Winter and Spring, 4 hours.

Work similar to the Exegesis of Earlier Epistles, but covering the more important Epistles that belong to a later period of the Apostle's ministry. Dr. Lockhart.

- 6, 7, 8. *Messianic Prophecy (nine credits)*. Fall, Winter and Spring, 3 hours.

A general survey of the work of Old Testament Prophets and its bearing upon their Messianic announcements. An exegetical study of all the leading passages of the Old Testament that are usually regarded as Messianic. Each prophecy is considered in the light of the time and the conditions under which it arose and its place in the progress of Messianic development. The relation of the prophetic messages to the development of Christianity is carefully considered. Dr. Lockhart.

DEPARTMENT OF HEBREW AND OLD TESTAMENT.

- 1, 2, 3. *Beginning Hebrew (twelve credits)*. Fall, Winter and Spring, 4 hours.

A thorough mastery of the first eight chapters of Genesis by the inductive method, using Harper's text-books. Reading from later chapters of Genesis and I. Samuel. A

thorough study of the grammatical elements of the Hebrew language, and a familiarity with the vocabulary of the most frequently used words in the Old Testament. Prof. Faris.

- 4, 5, 6. *Hebrew Readings and Syntax (twelve credits)*. Fall, Winter and Spring, 4 hours.

Extensive readings in the historic and poetic books of the Old Testament, with a thorough study of Harper's Hebrew Syntax. This will include one term of careful exegetical study of the Hebrew text. Dr. Lockhart.

- 7, 8, 9. *Hebrew Readings in the Prophets (nine credits)*. Fall, Winter and Spring, 3 hours.

Exegetical work on the Hebrew text in Isaiah, Hosea, and Nahum, with attention to the historical conditions under which early prophecy was written, and to the textual criticism of the passages selected. Dr. Lockhart.

- 10, 11, 12. *Old Testament Introduction (six credits)*. Full year, 2 hours.

The canon of the Old Testament, its history and the principles governing its formation. The leading issues of higher criticism of the Old Testament and a brief history of modern work relative to the date and authorship of Old Testament books. Dr. Lockhart.

- 13, 14, 15. *Literature of the Old Testament (twelve credits)*. Fall, Winter and Spring, 4 hours.

A study of the literary characters of all parts of the Old Testament, giving special attention to the peculiarities of Hebrew composition, together with a more minute study of the Psalms and the Book of Job. Given on demand. Dr. Lockhart.

16. *Law of Moses (two credits)*. Fall, 2 hours.

Lectures on the origin, nature, codification, and meaning of the Law, with reasons for its peculiarities and observations on its value. A comparison of the Laws of Hammurabi. Dr. Lockhart.

DEPARTMENT OF GREEK AND NEW TESTAMENT.

- 1, 2, 3. *New Testament Greek (twelve credits)*. Fall, Winter and Spring, 4 hours.

A course preliminary to Greek Exegesis, including investigation of peculiarities of LXX. and New Testament grammar and syntax, with readings from the Septuagint and various parts of the Greek New Testament. Wescott and Hort's Greek Testament, Conybeare and Stock's selection from LXX. and Burton's Moods and Tenses, with references to Buttmann and Winer. This course must be preceded by two years of work in Classical Greek. Prof. Lewellen.

- 4, 5, 6. *Greek Exegesis (twelve credits)*. Fall, Winter and Spring, 4 hours.

Rapid translation and interpretation of Paul's Epistles, followed by a special study in the Book of Romans, including analysis, word study, translation, study of moods, paraphrase and statement of the thought and argument. Must be preceded by the course above named.

- 7, 8, 9. *Hellenistic Greek (nine credits)*. Full year, 3 hours.

Readings from the Septuagint, Apocrypha, Philo, Teaching of the Twelve, and other sources which belong to the transitory Hellenic age of Greek literature, including comparisons between the Septuagint and the Greek New Testament. Given on demand.

10. *New Testament Introduction (three credits)*. Fall, 3 hours.

A brief course including a history of the text and canon of the Greek New Testament so far as it relates to the integrity and genuineness of the books, together with special introduction to the Letters of Paul.

11. *Textual Criticism and Selected Readings (nine credits)*.

Full year, 3 hours.

Methods of presentation of Gospel truth; history of Greek manuscript, uncial and cursive.

12. Difficult passages selected from all parts of the Greek New Testament, involving Greek Exegesis.

13. Quotations from the Old Testament, involving the use of the Hebrew Bible, LXX., Latin Version, and the Greek New Testament. Dr. Lockhart.

14. (a) *Social Teachings of Jesus and the Apostles (two credits)*. Fall, 2 hours.

Social teachings of John and Jesus.

Organization, development and equipment of the Church of Christ for the accomplishment of its mission in the saving of men. Alternates with Doctrine of Paul. Prof. Lewellen. Winter and Spring.

DEPARTMENT OF DOCTRINE AND EVIDENCE.

- 1, 2, 3. *Christian Doctrine (nine credits)*. Fall, Winter and Spring, 3 hours.

A systematic arrangement of the several themes of Christian teaching, including the doctrine of God, creation and providence, Christ and the atonement, human sin and redemption, the church and its ordinances, death and eschatology. A text-book and assigned investigation. Dr. Lockhart.

4. *New Testament Literature (two credits)*. Fall, 2 hours.

Not only introduction, but survey of content of the several books of the New Testament. Prof. Lewellen.

- 5, 6. *Doctrine of Paul (four credits)*. Fall, 4 hours.

A course for the investigation of Paul's teaching as found in Pauline literature. The study is approached with the question, "What were the problems which came to Paul, and how did he solve them?" Prerequisite, Apostolic History and a course in New Testament Exegesis, English or Greek. Prof. Lewellen.

7. *Evidences of Christianity (six credits)*. Fall, Winter and Spring, 2 hours.

An examination of the claims of atheism, pantheism, and agnosticism, together with the basis of theistic belief. The claims of Christ as the Messiah of Israel and the Son of God tested by scientific principles involved in the history of his work and of the church. Prof. Faris.

8. *Philosophy of Religion (six credits)*. Fall and Winter, 3 hours. Given on demand.

The philosophical basis of theism, sin, atonement, revelation, human freedom, the future life and other doctrines. Text book and discussions. Prof. Faris.

9. *Psychology of Religious Experience (three credits)*. Spring, 3 hours.

Investigations and analyses of religious experience in the light of psychology. Prof. Faris.

DEPARTMENT OF HOMILETICS AND MISSIONS.

- 1, 2, 3. *Homiletics (nine credits)*. Fall, Winter and Spring, 3 hours.

A course on the preparation of sermons, including the

theory of sermonic composition and criticism of sermons prepared by the student. Text book and class drills. Prof. Lewellen.

- 4, 5. *Church Ministries (four credits)*. Fall and Winter, 2 hours.

A course of lectures with assigned readings in the library, covering the ministries of the preacher outside of the pulpit, the conduct of the various organizations and services in connection with the local church. Prof. Lewellen.

6. *Sunday School Management (two credits)*. Spring, 2 hours.

Lectures and reference work on the organization of the Sunday School and the work of the teacher. Prof. Lewellen.

In addition to this work, a normal class is conducted in the Sunday School of the University.

- 7, 8, 9. *Christian Missions (three credits)*. Fall, Winter and Spring, 1 hour.

A course of study embracing the history of missions, their success and demands. The University library has a large collection of books on missions, and these will be freely used. Prof. Faris.

SPECIAL LECTURES.

A course of lectures on current, practical issues of the greatest interest to students of this College, will be given through the year by men well known throughout the land as leaders of religious thought and action. This course is free to all, and will be a boon to the whole University. It will be an honor to the College to enjoy the presence and favor of such men, and their

coming will impart an inspiration to better thinking and nobler living. The names of speakers and their topics will be announced in advance during the year.

STUDENTS' LOAN FUND.

From various sources, notably from T. W. Phillips, New Castle, Pa., the University has received donations to a fund to be loaned to ministerial students who otherwise might be unable to pursue their collegiate work. These funds are available on the following conditions:

1. The applicant must be a member of the Church of Christ, duly endorsed by the officers of the congregation in which he has fellowship, and must declare his intention to complete a diploma course in the college, to become a preacher of the gospel and to return the loan at the earliest convenient date.
2. Loans must not exceed the minimum need of the student, must be used, first of all, to pay dues to the University; must be secured by notes with approved security; must bear eight per cent interest from the date of borrower's leaving the University; and in case of his failure to enter the ministry or his discontinuance of that work, must bear eight per cent interest from date of note.

PREACHING AND OTHER EMPLOYMENT.

Experience has abundantly proved that any training for the ministry that does not include actual touch with the public through the pulpit during the collegiate course, must be seriously defective. The College, however, mindful of its own reputation, desirous of the greatest good to the churches, and seeking the best interests of the students, discourages regular engagements by men who are incompetent to do creditable sermonic work; and the faculty reserves the right to withhold any student from any religious service for which he is believed to be unpre-

pared. During the present year the College enjoys the assistance of a traveling evangelist, who will select competent students for congregations that wish to secure their labors. Ministerial students that have a fair degree of instruction often prove to be most successful preachers, and by their evangelistic enthusiasm under the advice of their teachers are able to strengthen churches and convert many to the faith.

Since Monday is not a day of recitation in this University, students have time to return from places of preaching without losing work in the class-room. Those who can give evidence of ministry acceptable to the Churches will do well to write to the President in advance of coming, and an effort will be made to put them in communication with congregations desiring preachers. It is confidently believed that no successful preacher will fail of employment.

Students who desire to pay part or all of their expenses by manual labor will be advised by the President concerning opportunities for employment. Many young men and women who would be otherwise denied the privilege of collegiate education, are able in this way to advance side by side with their wealthier companions.

ACCOMMODATIONS AND EXPENSES.

The buildings of the University are large and commodious, and afford pleasant rooms for students and teachers near to the College boarding-hall where meals may be obtained. The Girls' Home furnishes good rooms for ladies who may attend the College of the Bible. Young men attending this College who desire to reduce expenses by boarding in a club, should inform the President by August 20th, and a suitable building will be provided if a sufficient demand appears. It is estimated that room and board in a club will cost about \$10.00 a month. Room

and board in the College building cost \$16.00 per month.

The tuition fee of students of the College of the Bible for the year is \$30.00, and the matriculation fee for the year is \$12.50. Both fees are payable in advance, and no fee will be refunded. Allowing \$20.00 a year for books and incidental expenses, the whole expense of a student in this College, who boards in the club, need not exceed \$170.00 a year. An industrious man can earn part of this expense; and thus, whatever his financial status may be, the advantages of the College are placed within his reach.

COLLEGE OF FINE ARTS.

FACULTY.

CLINTON LOCKHART, Ph. D., LL. D.,
President of the University.

FRED W. WIMBERLY,
*Director of School of Music. Professor of Music.
Piano and Pipe Organ.*

WILLIS C. HUNTER,
Professor of Violin, Harmony and Theory.

MRS. W. C. HUNTER,
Professor of Vocal Culture, Choral Director.

GEORGE W. FITZROY,
Professor of Music; Piano.

MRS. ANNIE M. SALLING,
Piano and Voice.

CLYDE BATSELL REEVES, A. B., B. O.,
Principal School of Oratory.

ALBERT CRUZAN,
Instructor in Oratory.

DURA BROKAW-COCKRELL, A. B.,
Principal of School of Painting and Drawing.

KATE N. JACKSON,
Instructor in Drawing.

AIM.

The College of Fine Arts aims to accomplish the same purpose in teaching art and in creating an art atmosphere that is done by the University in promulgating the study of science; to educate in the most earnest and thorough manner, and not allow such an undertaking to become merely a commercial venture. Private institutions are run for financial gain only, and prices are, therefore, much in excess of those charged by well established universities. The equipment, too, is rarely on a par with that of the University. It is the aim of Texas Christian University to enable everyone to study in any department at the least possible cost and to provide the best equipment and teachers obtainable.

EQUIPMENT.

Townsend Memorial Hall is furnished with two grand and twenty upright pianos for the use of teachers and students and there is also a fine Knabe concert grand piano and a Kimball pipe organ in the University Chapel. In this auditorium, which has a seating capacity of 500, the concerts and recitals of the schools of Music and Oratory are given, as are also lectures on Painting and other subjects of interest to the art student.

The School of Painting and Drawing has large, commodious quarters in the south wing of the main building, well lighted and arranged to meet the requirements of art students.

In the south-west wing of the main building are the rooms set aside for the use of the Schools of Oratory and Dramatic Art. The rooms are close to the Chapel and the students are afforded every advantage for public speaking and stage drill and the department has a full set of scenery for properly staging the plays produced during the year.

SCHEDULE OF MUSIC AND LITERARY WORK.

FALL TERM.		FIRST YEAR.		SPRING TERM.	
III-IV. Major Music.		WINTER TERM.		Major Music	
(Piano, Voice, Organ.)					3
Violin.....					
I. Harmony.....				Harmony.....	3
II. Theory, Sight-Singing.....				Theory, Sight-Singing.....	3
Normal.....				Normal.....	15
Elementary Rhetoric.....				American Literature.....	12
German.....				German.....	15
Algebra.....				Algebra.....	9
General History.....				General History.....	—
					63
FALL TERM.		SECOND YEAR.		SPRING TERM.	
IV-V. Major Music.		WINTER TERM.		Major Music	
II. Harmony.....				Harmony.....	3
History of Fine Arts.....				History of Fine Arts.....	3
Sight-Reading.....				Sight-Reading.....	3
Normal.....				Normal.....	15
Rhetoric.....				English Analysis.....	12
German.....				German.....	15
Plane Geometry.....				Plane Geometry.....	57
FALL TERM.		THIRD YEAR.		SPRING TERM.	
VI. Major Music.		WINTER TERM.		Major Music.	
Minor Music.....				Minor Music.....	3
Counterpoint.....				Counterpoint.....	3

Interpretation.....	
Analysis.....	3
Normal.....	3
History of Fine Arts.....	12
Rhetoric.....	9
German.....	12
Elementary Physics.....	54

FALL TERM.

VII-VIII. Major Music.....	3
Counterpoint.....	6
Interpretation.....	3
Normal.....	3
Acoustics.....	6
Greek Literature.....	12
English.....	9
Psychology.....	45

FOURTH YEAR.

WINTER TERM.

Major Music.....	
Canon.....	
Interpretation.....	
Acoustics.....	
Normal.....	
Greek Literature.....	
English.....	
Psychology.....	

SPRING TERM.

Major Music.....	3
Canon.....	6
Interpretation.....	3
Acoustics.....	3
Normal.....	3
Greek Literature.....	6
English.....	12
Psychology.....	9

Interpretation.....	
Analysis.....	3
Normal.....	3
History of Fine Arts.....	12
English Composition.....	9
German.....	12
Elementary Physics.....	54

DEGREE, BACHELOR OF MUSIC.

WINTER TERM.

Major Music.....	
Fugue.....	
Instrumentation.....	
Composition.....	
Conducting.....	
Ten Hours Electives in College of Liberal Arts.....	

FALL TERM.

IX-X. Major Music.....	
Fugue.....	
Instrumentation.....	
Composition.....	
Conducting.....	
Ten Hours Electives in College of Liberal Arts.....	

SPRING TERM.

Major Music.....	3
Fugue.....	6
Instrumentation.....	3
Composition.....	3
Conducting.....	4
Ten Hours Electives in College of Liberal Arts.....	30

ENTRANCE.

Students may enter any of the departments at any time; but it is advisable to enter at the opening of school in September, as many of the classes can not be entered after the first month of school. This does not, however, apply to private work and the student may take up this work at any time.

BEGINNERS.

Beginners are always welcome, and there are no entrance requirements. Preparatory students will receive special attention and parents will find it greatly to their advantage to enroll their children in the School of Fine Arts.

BRANCHES TAUGHT.

Piano, Pipe Organ, Voice Culture and the Art of Singing, Violin, Violin-Cello, Viola, Mandolin, Guitar, Etc., Theory, History of Fine Art, Ear Training, Sight Singing, Harmony, Counterpoint, Analysis, Canon, Fugue, Composition, Instrumentation, Normal, Teaching Methods, Public School Music, Art of Public Speaking, Physical Culture, Philosophy of Expression, Dramatic Art, English, German, Italian and French, Painting and Drawing, Painting in Oil, Water Color, Pastel, Decoration and Design, Outdoor Sketching, Art History.

SCHOOL OF MUSIC.

Advantages.—The School of Music offers exceptional advantages to the student who desires to study music as a profession and affords every facility to those who study music as a part of a liberal education. Being part of a University of high rank, it gives a combined musical and literary course which develops and broadens his mental capacity and increases his musical possibilities.

The course is divided into three general classes: Teachers' Certificate, Diploma, and Post-Graduate Course.

Teachers' Certificate.—This course has been arranged to meet the needs of the students who desire to prepare for the teaching profession and, upon completion of the required studies (see schedule), a Teacher's Certificate will be granted by the University.

Diploma.—A four years' course for the professional student and teacher. Upon completion of the work outlined in this course, the student will be granted a diploma.

Post-Graduate.—(Leading to the Degree of Bachelor of Music.) This course is open to all graduates of the Department of Music and to those of institutions of a similar rank. Candidates for the degree of Bachelor of Music, in addition to the regular requirements, must give a public recital, write two theses upon subjects assigned by the Faculty and present an original composition for solo instrument, chorus, band or orchestra.

Requirements for Admission.—Special students may enter at any time without examination. Students who enter the regular courses leading to a teacher's certificate, diploma, or the degree, Bachelor of Music, are required to take the following studies or to present a certificate from affiliated schools bearing an equal number of literary credits. For entrance to first year classes, students will be examined in music of the third grade.

GRADUATION REQUIREMENTS.

Students in the regular classes are required to make a standing acceptable for entrance to the Freshman Class in the College of Arts, including at least one Modern Language. Full music course required. The following credits must be secured before a certificate or degree can be conferred:

TEACHERS' CERTIFICATE.

Music 4
 Languages 7
 Electives 5

FOR DIPLOMA.

Music additional
 Languages additional
 Electives additional

DEGREE OF BACHELOR OF MUSIC.

Music additional
 Electives additional

Total credits for the degree of Bachelor of Music.....

PLAN OF INSTRUCTION.

Private lessons of two half hours per week are given in instrumental branches, voice culture and oratory. Classes formed for the study of Elementary Theory, Ear-training, Singing, Harmony, Counterpoint, Fugue, Composition and instrumentation, but private lessons will be given if desired. Art Studio is open all day and students may work at will.

MUSIC CREDITS IN COLLEGE.

Realizing the value of music study to general education faculty of the University has decided to allow fifteen credits toward the A. B. degree, for work in this department, as schedule below. Such credits are, however, available only to graduates of the School of Music.

MUSIC CREDITS ALLOWED.

Elementary Theory, (Freshman Year).....	1 hour
Sight-Singing	1 hour
Harmony I.	2 hours
Harmony II.	2 hours
History of Fine Arts.....	2 hours
Counterpoint	2 hours
Fugue	2 hours
Composition	1 hour
Interpretation and Appreciation	1 hour
Instrumentation	1 hour

—
15

PIANO.

PROFESSOR WIMBERLY.

MR. FITZROY

MRS. SALLING

1, 2. *Preparatory*.—Studies in oral and written technics for the development of the muscles of fingers, hands, wrists and arms; Preparatory scales and arpeggios; studies for tone production. Studies by Loeschhorn, La Coupe, Gurlitt, Bertini, Czerny and Heller. Compositions by Foote, Schumann, Beach, Clementi, Orth and others.

FIRST YEAR.

3-4. More advanced studies in scales, arpeggios and essential technics; etudes from works of Krause, Czerny, Gurlitt, La Coupe, Foote, Heller; pieces by Schumann, Schubert, Haydn, Mozart, Orth, Foote, Mendelssohn, (songs without words) Beethoven (easier Sonatas), and such other compositions as shall tend to develop a knowledge of musical form and the art of interpretation.

HARMONY I.

SECOND YEAR.

4-5. Bach (two and three-part inventions) Cramer-Bulow, Heller, Czerny, Kullak, etc. Sonatas of Beethoven, Haydn and Mozart. Selections from Mendelssohn, Chopin, Weber, Raff, and others.

HARMONY II.

THIRD YEAR.

6. Bach (preludes and Fugues) Clementi-Tausig (Gradus ad Parnassum, Etudes by Chopin, Moscheles, Henselt and other standard authors. Compositions from Beethoven, Mendelssohn, Brahms, Raff, Moszkowski, Kroeger, Seeboeck, Tschaiowski, Grieg, Liszt, MacDowell, Beach, and others.

COUNTERPOINT AND HISTORY.

FOURTH YEAR.

7-8. Bach, Clementi-Tausig, Moscheles and Liszt studies. Pieces from the greater works of standard composers. Graduation recital.

ADVANCED COMPOSITION, INTERPRETATION.

POST-GRADUATE COURSE.

9-10. Advanced technics, concert etudes and compositions of classic and modern authors. Students in this class will be required to give at least one public recital (from memory) and to have studied at least two concerts for piano, one of which must be performed as a part of the Commencement program.

VOICE CULTURE.

MRS. HUNTER.

FIRST YEAR.

Exercises for the development of breath control, tone placing,

Resonance and for the equalization of registers; Intervals without Portamento; Slow scales and Arpeggios; Vocalises from Abt, Panofka, Bordogni, Lamperti (daily exercises), Viardot, Sieber, Concone (op. 9). The Art of Singing by Shakespeare, and Hints on Singing by Garcia. Easy songs for phrasing and enunciation; Sight Singing and Chorus practice.

SECOND YEAR.

Continuation and development of first year work; Diatonic and Chromatic Scales; Arpeggios; Slow Trills and Appoggiaturas. Vocalises from Vaccai, Nava, Concone (op. 10), Lamperti (op. 12), Panceron, Lablache, Salvator Marchesi, Matilda Marchesi; English ballads, easy Italian songs of Mendelssohn and others; Concert department; Solo work in monthly recitals; Chorus work; experience in Choir singing; Sight Singing.

THIRD YEAR.

Proficiency in Sight Singing; Study of Major, Minor and Chromatic scales, Turns, Trills, Arpeggios, etc., with increased rapidity of execution. Songs from the classic writers, viz: Schumann, Schubert, Brahms, Beethoven, Greig, etc. Recitations and Arias from the Oratorios and Operas. Experience in Concert Singing and Solo work in church service.

VIOLIN COURSE.

GRADE I.

Berthold Tours Violin School. Studies by Sitt, Hermann, Wohlfahrt, Kayser, Gruenberg. Easy pieces by Dancla, Hermann and others.

GRADE II.

Studies by Sitt, David, Kayser, Tours, Hermann, Major and Minor Scales, first to third position. Easy pieces in first and third positions.

GRADE III.

Sevcik's Schule der Violin Technik, Singers Finger Exercises, Scales and Chords by Schradieck. Studies by Dont, Papini, David and others. Pieces by modern composers. Ensemble work.

GRADE IV.

Etudes by Kreutzer, Alard, David, Dont. Scales and Arpeggios in three octaves. Solos by Bohm, De Beriot, Wieniawski. Sonatas by Haydn and Mozart. Concertos by Acolay, Seitz, Viotti. Orchestral work.

GRADE V.

David Violin School, Kreutzer, Rhode, Fiorillo, Alard. Difficult pieces by Sarasate, Hauser and different composers. Concertos by Sitt, Spohr, Viotti, DeBeriot, Godard, Rode. Sonatas by Beethoven, Grieg, Schuman, etc. Quartette work.

A student completing this grade and the Theoretical Course may obtain a diploma.

ORCHESTRAL CLASS.

(Conducted by Prof. Hunter.)

The Orchestral Class is a complete organization and offers the experience necessary to become an efficient orchestral player. Pupils are admitted without charge to the orchestra as soon as competent. This class meets once each week.

ELEMENTARY VIOLIN DEPARTMENT.

Arrangement has been made whereby children in the elementary grades of violin playing may receive instruction at the rate of \$2.00 a month for two lessons each week.

PIPE ORGAN.

PROFESSOR WIMBERLY.

(Piano courses 1 to 3 will be required for entrance.)

1. Manual and pedal studies; organ touch; Lemmens, Whiting, Rink, Buck and Guilmant organ studies. Compositions by Buck, Bach, Lemmens, Wely, Batiste, Best, Guilmant and others. Choir and solo accompanying.

2. Rink's organ school (4-5), Buck (Pedal Studies), Bach Preludes and Fugues, Guilmant, StSaens. Organ Compositions of Mendelssohn, Lemmens, Dubois, Buck, Paine, Guilmant. Church and Concert work.

THEORETICAL COURSE.

PROFESSOR WIMBERLY.

PROFESSOR HUNTER.

Elementary Harmony.—This course includes the writing of scales, (major and minor) in all keys, the spelling of intervals, triads with their inversions, and all the first and second class dischords in all keys. Text-books; Emery's Elements of Harmony, Goetschius Tone-relation, Chadwicks.

Advanced Harmony.—This course treats of chord relation, harmonizing melodies and figured basses; modulation, non-harmonic tones, the analysis of all chords; Practical work at the key-board. Exercises from Chadwicks, Richter's Manual of Harmony, Prouts, Goetschius, with additional work by Benj. Cutter.

SECOND YEAR.

1. Prout's Harmony, Goetschius, Richter's and Chadwick's works completed. Original work in simple forms of composition. Elementary Counterpoint.

THIRD YEAR.

2. Simple Counterpoint, two, three and four part counterpoint, in four or more parts, free counterpoint, double, triple and quadruple counterpoint.

FOURTH YEAR.

3. Canon and Fugue. Imitation, strict imitation, canon in two parts, in two or more parts; the Subject and Answer of a Fugue's Counter-subject, Episode, Stretto, Middle and Final section of a Fugue. Free Composition. Analysis of musical forms; figures and their treatment; periods and cadences; thematic development; the Lied, Minuet, Rondo, Valse, March, Gavotte, etc. Classical and modern Suite, overture, sonata, Symphony, Oratorio and Opera.

4. *Accoustics*. (Including laboratory experiments). Production, transmission and perception of sound; power, quality; resonance and harmonics; physical basis of harmony; musical intervals and equal temperament; accousticians' theory of scales—major, minor and chromatic.

5. *Instrumentation*.—Principles involved in the construction of various instruments; notation, compass and especial difficulties; stringed instruments and manner of tone production; Pipe sounds—open, closed, reeds; the organ; the human voice; woodwind and brass; vibrations of plates and membranes; instruments of percussion; arranging and scoring.

HISTORY OF FINE ARTS.

PROFESSOR WIMBERLY.

1. *Ancient Art*.—The Architecture, Sculpture, Painting and Music of ancient Chaldea, Assyria, Egypt, Persia, Greece, Rome, India, China.

2. (a). *Early Christian Art*.—Music of the early Hebrews and Christians, the catacombs, Church influence in developing music and other arts; Byzantine art; medieval architecture and painting. (b.) *Renaissance*.—The development of Fine Arts to the Eighteenth Century.

3. *Eighteenth and Nineteenth Century Art*.—Correlative Art Lecture Recitals; Architecture, Sculpture, Painting, Poetry and Music.

NORMAL DEPARTMENT.

The work in this department is of especial value to the teacher and professional student as it deals with problems of vital importance to the conscientious teacher. It is divided into three headings; first, the musical; second, psychological; third, technical. Beginning with the rudiments of music, each exercise in technic, ear-training, key-board, harmony, etc., is carefully explained. Technic for preparatory, intermediate and advanced students, is presented; obsolete and modern pedagogical methods are studied; musical material—how, when and what to give. The work is made still more practical by the instruction of one or more pupils before the class; and, that each student may have actual experience in teaching, members of the Normal will be required to prove their understanding of teaching methods, by instructing students themselves. This class is under the supervision of the Director.

ENSEMBLE.

In this branch of instruction lie indispensable elements of musical culture to be obtained through no other mode of training. It develops the pupil's ability to play at sight and enables him to acquire a knowledge of compositions ordinarily inaccessible to the music student. The work will consist of the

reading of eight and four-hand arrangements of the standard overtures, symphonies and operas, for piano; string trios and quartettes, chorus, band and orchestra. Piano accompanying for voice and solo instruments.

INTERPRETATION.

The study of interpretation, which gives a creative stimulus to the student, is commenced as soon as the student has sufficient technic to allow of the interpretation of even the smaller compositions. Music is a language; the language of the feelings, of the spiritual and the ideal in man and it is the object of this class to develop the finer sense of expression.

EAR-TRAINING AND SIGHT-SINGING.

This is one of the most important studies for the music student, as it develops his ability to hear correctly and should be taken as early as possible. The ear is trained to recognize scales, intervals and chords, metre and rhythm and the student will find this training an invaluable aid to the proper appreciation of musical art.

CONCERTS.

Concerts are given monthly by the faculty and students. At the student recitals, compositions studied in the class-room are presented, thus affording the pupil the opportunity of acquiring ease and self-possession when appearing in public.

BAND AND ORCHESTRA.

A fully equipped band and orchestra are a valuable feature of the University. They afford splendid training in ensemble playing and, at the same time, present interesting programs to the student body. There is no charge for this work and all

students of the University are requested to avail themselves of the privileges afforded.

SOCIETIES.

Choral Society, Mrs. Hunter, Director.

Glee Club, Professor Hamner, Director.

Male Quartette.

Girls' Quartette.

Mixed Quartette.

Girls' Octette.

Junior and Senior Piano Quartette.

String Trio.

Band and Orchestra.

GENERAL INFORMATION.

Tuition is payable *strictly in advance* and the student must present a matriculation card from the Registrar's office to the Director before lesson hours can be assigned.

Students may enter at any time, but those in the regular classes should matriculate on the first day of each term.

Lessons lost will not be made up, except in cases of protracted illness, and no refunds will be given except on presentation of a card bearing the Director's signature.

Practice Rooms.—The arrangements for practice are unusually fine. In each of the practice rooms is a good upright piano, kept in tune. There are also several violin practice rooms in Music Hall. A practice Monitor keeps a record of the student's attendance and work.

Pupils are required to take part in concerts and recitals when requested to do so by their instructors.

Students are required to attend all the regular concerts, lectures and recitals and will receive a discount of five points for each absence.

The city and college libraries and also the literary societies of the University are open to all the students.

The Department of Music will observe all National holidays and no refund will be granted. Also no refund for lessons missed during the regular examination, which occur on the last three days of the term.

No student will be allowed to appear in public without the consent of the instructor.

All rules and regulations governing students of the University apply to the students of the College of Fine Arts.

Persons on the outside of the University desiring to enter the band or orchestra may do so upon the payment of a nominal fee.

SCHOOL OF ORATORY.

CLYDE BATSELL REEVES.

ALBERT CRUZAN.

GENERAL OUTLINE.

The instruction of the department will include the art of Public Speaking, the study of the basic principles which underlie the Philosophy of Expression, Physical Culture, Dramatic Training, Elocution and the writing and delivery of Formal Orations.

The aim of the work, at all times, is to make natural readers and speakers and to discourage artificiality and imitation. Principles of thought and expression are established and applied by the student to selections of oratorical worth. The system teaches that there can be no right speaking without right thinking, and that the way to secure right thinking is to enlarge the powers of observation, memory and reason.

Stress is laid on originality in the interpretation of thought

and emotion, expression determined by the thought rather than the form of sentence, rational gestures prompted by impulse, and vocal culture that carries on voice-building and mind-training simultaneously.

In perfecting the young orator special attention is given to the cultivation of physical as well as vocal expression, to aid him in acquiring a cultured voice and a responsive body. "The language by which man's inner life is read, is that of the two natural avenues of expression, voice and gesture, the two powers by which man reveals the entirety of his being." Such exercises are given as will strengthen and free the voice from all imperfections, and enable it to respond to the higher impulses of the soul.

The next important step after the cultivation of vocal expression is the study of physical expression or gesture. It is the purpose of the teacher to give exercises and movements that will create responsiveness in the nerve centers, and allow the body to move with perfect freedom and ease in response to the mental concept. When the body is cultivated to responsiveness the right mental activity will create the right gesture.

COURSE OF INSTRUCTION.

The School of Oratory offers two courses of instruction, viz.:

1. Public Speaking and Debate.
2. Interpretative Reading.

COURSE I.

Public Speaking and Debate.—Evolution of Expression, Voice, Gesture, Study of Masters and Masterpieces of Ancient and Modern Oratory, Writing and Delivery of Orations, Hymn and Bible Readings, Extemporaneous Speaking, Debate.

COURSE II.

Interpretative Reading.—Evolution of Expression; Prose

Forms, Expressive Study of Description and Narration. Poetic Interpretation; study of Epic, Lyric and Dramatic poetry with special reference to the needs of the public reader. Verse forms, tune and rhythm. Impersonation and Monologue, Dialect Studies, Arrangement of Programmes, Abridgement and Adaptation of Selections for Public Reading, Writing of Introductions.

VOICE TRAINING IN COURSES I AND II.

Physiology and Hygiene of Voice, Technical Vocal Training, Breath Control; tone projection, development of resonance, flexibility, freedom and power of tone, eradication of faults in use of voice. Articulation, Expressive Voice Culture; Voice as interpreter of mental states, tone color and form, relation of voice to imagination and emotion.

Text Books Used.—Evolution of Expression, four vols., Emerson; Perfection Laws of Art, four vols., Emerson; Psychology of Voice and Gesture, Emerson; How to Teach Reading, S. H. Clarke; Principles of Vocal Expression and Literary Interpretation, Clarke and Chamberlin.

DRAMATIC CLUB.

Students of the Junior and Senior Oratory classes are eligible to membership in the T. C. U. Dramatic Club. While we do not offer any course of training for the stage, we believe that work done in dramatics is of great value to the student of the platform in that it develops ease and flexibility of movement, directness of address and a deeper, fuller appreciation to dramatic literature.

RECITALS.

Public recitals will be given by members of the department who are prepared, at regular intervals during the scholastic year.

The Literary and Debating Societies of the University furnish excellent opportunities for practice in public reading and speaking.

CONTESTS.

Students of Oratory have splendid opportunities to measure their skill in the various oratorical contests held throughout the session. In the fall term is held a Declamatory Contest, under the auspices of the three literary societies. The annual preliminary trial for the representation of the University in the State Prohibition Contest comes during the Winter term. In March is held a similar preliminary for the Inter-collegiate Oratorical Contest. Excellent prizes are offered in each of these contests. We believe that no school in the country has a more enthusiastic interest in oratorical attainments than has Texas Christian University.

CLASS WORK.

In every walk of life it is eminently essential that men and women should know something of the rules of, and have some practice in, public speaking. Whether one chooses for his vocation, law, medicine, theology, teaching or any other of the professions, he will find himself seriously handicapped if he has not spent some time upon the forms of public address. While a really great orator is as rare as a really great artist, still, all who possess a good literary foundation, strong determination and quick powers of thinking, may become good speakers. Constant practice based on hard thought and a constant effort to improve, will make the tyro into a fair speaker, the fair speaker into an adept, sometimes the adept into a champion.

With these facts in mind, and for the purpose of reaching the bulk of the student-body, we have added to the regular work of Oratory two classes in Public Speaking and Debate.

offering the ground work of these subjects, at a merely nominal figure. These classes will in nowise take the place of the usual private instruction, hitherto offered in this department, since individual training upon selections, declamations, orations and sermons can only be given in private lessons. Still this work will be of value to those who for various reasons find it impossible to take the course more in detail. Regular college credits will be given for these courses.

DIPLOMAS.

Students who have satisfactorily completed the prescribed work in either course, made an average grade of B in the quarterly examinations, and further possess a literary education equal to that required for admission to Freshman standing in the College of Arts and Sciences, will receive a diploma of graduation.

SCHOOL OF PAINTING AND DRAWING.

DURA BROKAW COCKRELL.

KATE N. JACKSON.

LOURENA COPE.

Recognizing the fact that the study of art should be broad and comprehensive, that creative ability in every individual should be encouraged, and that students should have opportunity to secure the greatest return for the time spent in study, this department has established courses which will not only develop skill in drawing, but will also acquaint students with the fundamental principles of art; with beauty of line, tone, and color; and with the best examples of the various phases of art in the world's history. The desire of the department is to offer a

means of general culture, and a training that shall lead to fitness in the choice of life work.

COURSES OF INSTRUCTION.

The branches of instruction are drawing and painting from antique, life and still-life, outdoor sketching and china painting. Pencil, charcoal, pen and ink, water-color, and pastel are used as mediums.

Antique Class.—Drawing in charcoal from casts which are provided in the studio including most of the classic models.

Life Class.—Drawing from the living model, including pencil sketches from the full figure with a view to illustration and studies of the head in charcoal with a view to portraiture.

Still-life Class.—Painting from still-life which includes representation and arrangement of objects such as vegetables, fruits, flowers, furniture and things of common interest.

Painting in Oil.—Oil is used as the fundamental medium for the expression of color and is employed in the still-life and life classes.

Water Color.—Water color is used very generally and seems to be a favorite medium for figures and landscapes.

Pastel.—This medium is used less than the others, but familiarity with its use is required in the regular art course.

Decoration and Design.—Special attention is given to china decoration and original designing is encouraged. Pyrography and Stenciling are given if desired.

Out Door Sketch Class.—Much importance is attached to the sketch class which meets in the open at least one day each week.

Art History.—Regular students are given free tuition in the Art History class. This class is very beneficial in creating an interest in all that pertains to art and in making one familiar with the best work of the old masters. The "History of Chris-

tian Art" is studied, alternating with "Present Day American Artists."

Drawing Class.—A drawing class is provided mainly to meet the needs of the public school children. This class meets two hours each week and gives its members training in the fundamental principles of art.

ART LECTURES.

Art Lectures and exhibitions will be provided for the students from time to time, and they may also have the benefit of the course of art lectures which is given in the city each winter.

EQUIPMENT.

The Art School has well-lighted, well-ventilated and well-equipped apartments, so that there is an atmosphere of beauty and refinement in the surroundings which is very conducive to true art-culture. The studio is well provided with plaster casts, still-life models and reproductions of masterpieces, for study. The country closely surrounding the campus is ideal for an outdoor sketching class; the most beautiful phases of nature are close at hand, inviting one's study.

CHINA KILN.

The best china kiln is provided by the school, as well as all other conveniences for china decoration. Firing is done as often as the student requires, usually twice a week.

ART CLUB.

An Art Club called "The Brushes" is organized for the benefit of all art students. This club has for its object the furtherance of the general art interests of the school and is a source of benefit and pleasure to its members.

EXHIBITIONS.

The best work of the students will be exhibited at least once

each term, when visitors will be invited. At this time collective criticisms will be given, with recognition of good work by honorable mention.

HOURS FOR WORK.

The classes meet five days a week for three hours, both morning and afternoon. The students being given all the help that is consistent with their advancement and care is taken to prepare them for a time when they must work alone.

DIPLOMA OF GRADUATION.

A diploma will be conferred upon students who have completed the full three years' course, which comprises work from elementary drawing up to portrait painting. Students will be given full credit for work done in other art schools on presentation of such drawings and letters as give evidence of ability to undertake the work desired.

COLLEGE OF BUSINESS.

FACULTY.

J. J. HART, A. M., LL. B.,

*Principal Commercial College and Instructor of
Commercial Law.*

CORA M. HART, A. B.,

Assistant in Commercial College.

E. R. COCKRELL, A. M.,

Civil Government.

W. T. HAMNER, A. B.,

English Grammar.

GENERAL STATEMENT.

The purpose of the courses offered in the College of Business is to supply the facilities for the training of young men and women who desire to enter upon business careers; to impart that knowledge most valuable and essential to all persons seeking an honest living and honorable fortune; in fact, practically to qualify young men and women for the stern realities of life. Its work is based on the belief that through a study of commercial methods and economic forces, a young man may obtain at least as valuable mental discipline as in the so-called culture studies and in addition will gain practical knowledge and habits of thought that make for efficiency in business. Again its work is based on the demonstrated fact, that every person should have a knowledge of commerce, accounts and finance, because these are necessary elements in every day life. The modern

business man needs training of the highest order, combined with a knowledge of the mathematical, physical and social science and of their application to commerce and industry. The present age is a commercial one with rapid development of modern industrial processes. The growing demand of the present age is commercial education. The purpose of the College of Business of the Texas Christian University, with its splendid equipment, courses and advantages, is to meet that demand.

ADMISSION.

Time.—Students may enter at any time and be classified, since the instruction in bookkeeping is almost entirely individual.

Education.—A common school education is all that is required for entrance, in either Bookkeeping, Shorthand or Typewriting Departments. Any one who has completed the eighth grade may enter and take any of the courses with profit. A high school education would be much better. The better the education the more valuable will be the course for immediate use. Any of the courses offered are valuable stepping stones to something higher.

Students deficient in any of the necessary branches may enter and prepare in the Academic Department without extra cost. This is one of the many advantages of this College of Business. These academic classes are taught by the regular college teachers.

TIME REQUIRED.

All work being individual, the time for completing any course depends entirely upon the advancement, natural aptness and personal efforts of the student. Some will do an allotted amount of work in a day, while it may take the student in the next seat three or four days properly to master it. This

school does not promise to graduate a student in a specified time, but does guarantee as much in a given time as can be acquired in any other school in the country devoted to similar purposes.

EQUIPMENT.

Each student is supplied with desk, and all the necessary equipment of a modern business. The department has a full line of offices that represent the parties with whom the student deals. Each office is equipped with a complete set of books of the loose leaf variety. The bank has all the necessary books. When the student completes the entire course in bookkeeping and banking and goes out to work in a regular bank or business firm he will feel little change in his surroundings, except in matter of salary.

The Shorthand and Typewriting Department is well supplied with tables, desks, typewriters, blackboards, etc., precisely as is found in a well regulated business office.

POSITIONS.

The graduates of this school are uniformly successful in securing and holding good positions, and are now to be found in responsible and lucrative positions throughout this section of the country, to whom we point with pride as references, as to what this school can do for young men and women. They are employed in many of the banks and business houses in this and other cities, and everywhere successful in giving satisfaction to their employers. We take great pleasure in assisting our students to positions.

Commercial Course.

Bookkeeping, Penmanship, Typewriting, Business Spelling, Commercial Law, Business Correspondence, English Grammar, and Office Custom.

COURSES OF INSTRUCTION.

GENERAL STATEMENT.

The instruction in this department is practical from the very beginning. It embraces a large variety of transactions from actual business life. Seven sets of books will be kept by the student representing various lines of business. These are so designed as to acquaint the student with approved methods of handling transactions peculiar to that line of business studied. Since the work that gives accountants most trouble is opening and closing books, finding the profits and losses, and making balance sheets, most of the courses are comparatively short so as to give ample drill in this line of work. In addition to the seven sets a great many additional problems involving these principles will be given.

DEPARTMENT OF ACCOUNTING.

1. *First Principles of Bookkeeping.*—The purpose of this work is to lay the foundation for the study of accounting. Daily drills and exercises in model forms will be given. Lectures on the elementary principles will be given and the various terms defined. The differences between Single and Double Entry systems of accounting will be clearly established.

2. Set 1. A short Set designed to illustrate the work already given and to familiarize the student with the use of books, making simple journal entries, posting, taking trial balances, finding loss and gains and closing ledger. Drills in ruling and in model forms for accounts and entries. Books used: Journal, Ledger and Trial Balance.

ELEMENTARY WORK.

3. Set 2. The object of this course is to present bookkeeping in its simplest form and as applied in the smaller establish-

ments. A great many entries will be given, two trial balances and Loss and Gain determined and books closed. Books used: Journal, Sales, Ledger and Trial Balance. Check book, notes and pass book.

4. Set 3. The work of this Set will be the same general grade as Set 2, except the use of the cash book will be illustrated. The methods of recording transactions by the two systems will be contrasted and the advantages of each explained. Two trial balances two balance sheets, etc. Books used. Cash, Journal, Sales, Ledger and Trial Balance. Check book, notes, drafts and pass book.

INTERMEDIATE WORK.

5. Set IV. This is the longest and most intricate set of the course. Many new and interesting features are introduced.

(a). The work of the course may be given under four general divisions. In the first the use of special columns will be studied and the bill book introduced. The Journal, Sales and Cash book used in this set will have four special columns each. The work outlined represents a partnership doing a general business and the entries for opening books with resources and liabilities on hand will be carefully considered.

(b). A partner will be admitted and the necessary entries for the admission and withdrawal of partners will be studied. A new line of business will also be added and the use of the special columns to keep the two lines of business separate will be illustrated.

(c). A corporation is formed. The old partners investing the assets of the old business and many new stockholders will be admitted. A careful study will be made of the entries for the opening of Corporation books and all the special corporation books used, and the use of each carefully explained. The corporation will do a wholesale as well as retail business.

(d). The status of the business will be continued in this as in the last. Some stockholders sell their stock and others part and the necessary entries on the special corporation books will be made and studied. The invoice book will be introduced, also the Customers and Creditors ledgers. The use of the invoice book both with and without the Creditors ledger will be studied. The three most usual methods of using the Customers and Creditors ledgers will be illustrated by practical work and the advantages of each discussed. The Petty cash book will also be used.

Books used: Four-column Journal; four-column Sales and four-column Cash; Ledger, Subscription book, Stock Certificate book, Stock Transfer book, Stock Ledger Minute book, Invoice book, Customers Ledger, Creditors Ledger, Petty Cash and Bill book.

ADVANCED WORK.

6. Set V. *Commission, Consignment and Shipping Business*.—The object of this set is to illustrate the use of special books in accounting. Expert accountants have found that the use of special books greatly reduce the amount of labor for the bookkeeper. In no line is this true in a larger sense than in the Commission business. While the special books used are peculiar to this business, with slight modifications they could be used to as good advantage in other lines of business. A thorough mastery of the principles involved will enable a wide-awake bookkeeper to save a great deal of labor and at the same time make a more satisfactory record of his employer's business.

Books used: Three special column Journal, three special column Cash, three special column Sales, Ledger, Check Register, Abstract Sales book, Receiving book, Consignment Ledger and Account Sales Register.

7. Set VI. *Corporations and Kindred Organizations.*—

The work of this set will represent that of the head bookkeeper in a Mining and Manufacturing Corporation. The object of the set is two-fold.

(a). To further illustrate the principles of accounting as applied to corporations and particularly large corporations and trusts.

(b). To show the work of the head bookkeeper of large establishments. Nine different lines of business are represented with a separate set of books for each department and the work of the head bookkeeper will be made up from the reports of the bookkeepers for the several departments.

Books used: Three column Sales, three column Journal, three column Cash, Sales Ledger, General Ledger and Pay Roll book.

8. Set VII. *Single Entry.*—The object of this course is to illustrate in a simple and practical way the use of this method of accounting. The differences between this method and Double Entry will be carefully studied and compared. The necessary entries for changing the books to Double Entry will be made and studied. The necessary steps to find the resources and liabilities losses and gains, and present worth by the two systems contrasted.

Books used: Day book, Cash, Ledger and Bill book.

9. The principles of accounting as applied to other lines of business will be discussed. Precautions for preventing errors in posting and the Trial Balance, and the most successful methods of detecting errors in same will be carefully studied. The principles involved in adjusting deranged Double Entry books will be considered and some practical problems in determining losses and gains and making balance sheets in intricate sets of books will be given. A careful study will also be

made of Partnership settlements and many practical problems in opening and closing both Partnership and Corporation books will be mastered.

BANKING.

10. *Banks and Banking.*—An exhaustive study made of the utility of banks. Sources of a bank's profits, sources of a bank's expenses, kinds of banks—National, State and Private, distinguishing features of National Banks, organization of a National Bank, circulating notes of a National Bank, tax on circulation—corporate powers of, and restriction on, National Banks, duties and rank of National Bank officers and clerks studied and clearly defined. A number of propositions illustrating the open entries of all classes of banks solved and analyzed, fixing in the mind the fundamental principles in the establishing of banks, Trust Companies and their organization.

The Business of Trust Companies.—State Banks and their organization, State Banks and National Banks compared, State and National Banks contrasted, Private Banks and their organization; their functions, etc.

11a. Set 8. *Bank Accounting.*—This set is a course designed to illustrate in as brief a way as possible the practical workings of an ordinary bank. The various books are opened one at a time so as to get at the work directly and systematically, without confusion. Books used: General Balance Ledger, Individual Ledger, Discount Register, Collection Register, General Cash Book, Paying and Receiving Tellers, Check Sheets. Auxiliary Books: Subscription Book and Dividend Book. The classification of the work gives the student practice in the performance of the chief duties of: Paying Teller, Discount Clerk, Collection Clerk, Correspondence Clerk, Individual Bookkeeper, General Bookkeeper and Cashier.

CIVIL SERVICE COURSE.

No field of employment affords better opportunities for ambitious and energetic young men and women than the Government service. More than forty thousand young people enter this service every year. The advantages in working for the Government are many. The salaries are larger than are paid for the same work by private enterprises. In a great many cases the salaries are double and the opportunities for advancement are more certain. The hours of duty are as a rule shorter. The vacations are longer, from two weeks to a month, with full pay. The appointments are practically for life. The pay is sure.

Several examinations are held in the City of Waco every year to select persons from whom to make appointments. These examinations are held in the Government building under the supervision of Government officials and are open to any person upon application. There is a great demand for stenographers, clerks, copyists, bookkeepers and store keepers. The object of this course is to give such special preparation as is necessary to qualify for any of these positions. The necessary literary work may be taken in the Academy at the same time the special work is being taken in this department.

COTTON GRADING AND CLASSIFICATION.

The demand for young men with a knowledge of the cotton business is very great and is increasing. Good salaries are paid for this class of work. Waco is in the center of the great cotton belt of Texas and has many expert cotton men. Arrangements have been made with one of the leading cotton graders of the city to give a course in the Grading and Classification of Cotton in this department. Being given by a prac-

tical man, the course will be practical and such as will prepare a young man to enter the cotton business. A great deal of the instruction will be the actual judging and grading of cotton in the cotton yards of the City and in the sample rooms of the instructor.

COMMERCIAL LAW.

The course in Commercial Law, like all other courses in this department, is intended to be a practical presentation of those subjects of vital interest to a business man. It is not designed to make lawyers of the students taking this course, but only give such general principles of the subjects discussed as a well informed business man should know. To illustrate the work of the course the following brief outline is submitted:

(a). *Contracts*.—Necessary elements of a valid contract. Who may make contracts. Consent. Valid consideration. Legal subject matter. Operation and discharge of contracts.

(b). *Negotiable paper*. Necessary conditions thereto. Legal effect of endorsement. Methods of endorsement. Forged instruments. Presentation and demand of payment. Legal tender. Protest. Surety.

(c). *Interest*. Usury and the penalties therefor.

(d). *Sales of personal property*. Necessary conditions. Subject matter. Delivery of thing sold. Warranty.

(e). *Agency*. How appointed. Who may be agents. Who may appoint agents. Liability of principal for acts of agents. Agent's liability. Principals liability to agent. Termination of the relation.

(f). *Partnerships*. How created. Parties, Powers and liabilities of partners. Termination of the relation.

(g). *Corporations*. How created. Parties. Powers and liabilities of stockholders. How dissolved. Contrasted with partnerships.

(h). Real estate law. Who may own real estate. Various interests discussed. Distinction between separator and community. Management and control of same. Decent. How conveyed. Acknowledging and recording of deeds. Exemptions.

BUSINESS PENMANSHIP.

1. *Preliminaries*.—In this course the student is taught how to hold the pen position of hand, position of body in relation to the desk, position of the paper on the desk. Drills on neat, legible and rapid business writing is laid. No flourishing or fancy bird drawing is taught in this course. The business man does not need these in his business.

2. *Sentence Writing*.—In this division is more fully developed that plain, neat and rapid business writing which the business public so highly appreciates, and that grace of line and beauty of form so pleasing to cultured taste.

3. *Page Writing*.—Practice on billing, writing of commercial papers, notes, drafts, checks, receipts, all kinds of letters, etc. Criticisms are freely given throughout the entire course, and the student is taught to criticise his own writing. It is true that not all students can become professionals, but any earnest can at least acquire a rapid and legible style.

BUSINESS CORRESPONDENCE.

1. The composition, form and appearance of business letters are the leading features of this work, and are of such a practical nature as to elicit the earnest attention of every student. Exercises are given in writing all styles of letters needed in business correspondence, which are in most cases obtained from the files of leading business houses.

The various parts of letters, arrangement, folding, inserting, addressing envelopes, how to enclose commercial papers. This

work is made practical in correspondence, ordering goods, making remittances while taking the course. A student's correspondence is a part of his work and he is graded on it the same as on other subjects.

TYPEWRITING.

Typewriting is taught with shorthand. The instructor is followed until the foundation for touch writing is laid, then the copying of letters and legal forms is taken up. Much practical work is given by the teachers and students of the University in dictation and in copying manuscript. The regular work is graded. For a full outline of the work see Typewriting under Department of Shorthand and Typewriting.

REQUIREMENTS FOR GRADUATION IN THE BUSINESS COURSE.

The work in bookkeeping is entirely individual, and when the student has completed, satisfactorily, the work outlined, has made a passing grade on final examination, can write a good business hand, and is able to write forty words per minute on typewriter for five consecutive minutes, has made a passing grade on all the other studies in the course; he is entitled to a diploma. The average grade required on all studies in the course is 75 per cent.

STENOGRAPHIC COURSE.

Shorthand, Typewriting, Business Correspondence, Commercial Law, Legal Forms, Spelling Penmanship, Office Customs, English Grammar, Mimeographing and Duplicating.

DEPARTMENT OF SHORTHAND AND TYPEWRITING.

SHORTHAND.

People live faster, think faster, work faster and do business faster than ever before in the history of the world, necessarily, they must write faster.

Wherever live busy men in trade or professional life are,

there you will find the demand for stenographers. Lawyers, merchants, preachers, authors and others too numerous to mention, insist on something better than longhand, combining speed with accuracy. To meet this demand is offered the best system of shorthand ever brought to the attention of man, the Graham, an improvised Pitmanic system.

1. *First Principles*.—In this course is thoroughly taught the principles, Simple Signs for Consopants and Vowel Sounds, Simple Word Signs and Abbreviations, Speed Sentences and Short Business Letters are given throughout the course. Brief Signs, Lengths, Initial Hooks, Final Hooks, Prefix and Affix Signs, Principles reviewed, Expedients and Technical language studied.

2. *Dictation Course*.—The student learns in the first course the principles, the art of correct writing and acquires a speed of from forty to fifty words per minute. In the second course, he enters upon the actual work of the stenographer, and takes dictation in as rapid manner as possible for correct work, until he has reached at least one hundred words per minute, transcribing the same on the typewriter. He learns all the short, rapid methods used by expert stenographers in verbatim work. In short, he has a thorough and sound foundation laid, so that only time and practice is needed for him to reach, if he has the determination and ability, the highest round in the ladder of the profession.

TYPEWRITING.

In the operation of the typewriter, the student must consider three things: Accuracy, Speed, Ease of Operation. The main object of his course is to enable the student, who will follow instructions, carefully, persistently and faithfully, to acquire such a mastery of the key-board as to be able to write page after page without making a mistake. The Touch System

which is acknowledged by all to be the best, is taught. Touch writing means writing with the eyes off the key-board, constantly, invariably, off the key-board. It means reading the notes and writing at the same time. It means the ability to sit at the machine, with notes or copy before the eyes, and to write from beginning to end without taking the eyes off the copy.

1. *The Machine*.—In the first lesson the student is shown the different parts of the machine and their uses are explained, the use and care of the machine, method of study, memorizing the key-board, bodily position of the touch writer, use of the guide keys and guide fingers, method of locating the guide keys, position of the hands while writing, the first practice, how to strike the keys, movement of the hands and fingers, control of the space key, errors, how to correct them, speed work, with eyes off the key-board, with first fingers.

2. *Key-board Study*.—New letters with the first and second fingers, whole section, the work of the second fingers, fingering with the first and second fingers, lower case key-board, general review work, the fourth fingers, their use, guide keys and general work, how to return to the guide keys, etc. Thus a systematic course of instruction is followed until the student is master of the key-board as a whole.

3. *Special Speed Work*.—Exercises for the development of higher speed, alphabetical sentences, the principles of rapid typewriting, how to practice for speed, eight hundred most commonly used words in the English language. The above words arranged in sentences, paragraphs and letters, copying of modern business forms, billing and tabulating, court reporting.

A regular practice period is assigned each pupil. All work done by each student is filed daily, and at the end of terms bound into book form, and the work graded as a whole.

BUSINESS SPELLING.

Spelling takes a very prominent place, from its value to students, who would escape the disgrace of allowing letters to go out to be criticised by the public. Up-to-date business men require that their correspondence must not contain misspelled words.

As the heading implies, business spelling is the main feature of this course, and is given to the department as a whole. Regular lessons are assigned, with certain words to be looked up in the dictionary. These lessons are pronounced the following day while each student with pencil and tablet is writing the word, exchanges of papers are then made, the words spelled back to the student, papers graded, and grades called for. These grades are kept and from them daily reports are obtained. Frequent tests are given on words used in the ordinary lines of business.

BUSINESS CORRESPONDENCE.

The student of stenography begins on correspondence as soon as he is over the principles and starts to write simple letters. He is taught the various parts of letters, scaling on the typewriter, and has practical correspondence each day until his graduation.

REQUIREMENTS FOR GRADUATION IN THE SHORTHAND COURSE.

All subjects under Shorthand Course must be completed with satisfactory grade, and the student must be able to write from new matter 100 words per minutes for five consecutive minutes, read same back in five, minutes, then translate same on typewriter at the rate of twenty-five words per minute.

LOCATION AND SPECIAL ADVANCES.

1. The location is most desirable. Waco is situated very near the geographical center of the State. It is an important railroad center, and is accessible from every direction. The University grounds are more than 100 feet above the city, making it not only cool and delightful but affords a commanding and inspiring view.

2. A well organized Academy makes it possible for a student to review any literary branches in which he may be deficient and at the same time take his business education. Any course in the University, for which the student is prepared, is open to the student of this department. So also are the departments of music, oratory and art open to them. Students of this department may therefore with only a slight increase in expenses take almost any work he may desire.

3. The library privileges of the University are open to the students of the Business College.

4. The buildings are commodious and all recitation rooms and dormitory rooms are heated by steam, have electric lights and supplied with pure artesian water.

5. The young ladies are under the immediate care of a competent lady principal.

6. The students of this department have access to the Natatorium and Gymnasium and enter on an equal footing all the athletic sports of the University.

7. The personnel of the student body is a matter of pride. The majority of the students are young men and women of high ideals and lofty purposes. They are in school because they want an education.

8. The moral and religious tone of the University are of a high order. The University Church, the daily chapel exer-

cises and the student religious organizations provide for the moral and spiritual well-being of the student in an effective way.

9. Considering the advantages offered the expenses are exceedingly small.

EXPENSES.

	Fall.	Winter.	Spring.
Complete course in Accounting, including Banking, Commercial Law and Typewriting	\$25.00	\$20.00	\$20.00
Complete Stenographer Course, including Typewriting and Commercial Law	25.00	20.00	20.00
Both the above Courses combined.....	30.00	20.00	20.00
Typewriting, alone	4.00	3.00	3.00
Banking alone, complete course.....	10.00		
Typewriter rent	5.00	3.75	3.75
One hour daily in above Courses.....	8.00	6.00	6.00
Board and Room	\$16.00 per month		
Books and supplies from \$10.00 to \$15.00, according to work pursued.			

THE ACADEMY.

FACULTY.

CLINTON LOCKHART, Ph. D., LL. D.,
President Texas Christian University.

JOHN W. KINSEY, A. B.,
Principal of Academy; History, Civics and Science.

WILLIAM B. PARKS, A. M., Ph. D.,
Science.

CHARLES I. ALEXANDER, A. B., B. S.,
Mathematics.

W. T. HAMNER, A. B.,
English.

JAMES B. ESKRIDGE, A. M., Ph. D.,
Greek and Latin.

ORIE WILLIAM LONG, A. B.,
German.

MATEO MOLINA, A. B.,
Spanish and French.

THE SCOPE OF THE ACADEMY WORK.

In many sections of Texas and adjoining States it is not practicable for young people to have the privilege of a High School course; in others a High School work, as carried on, is not satisfactory to parents. To meet the needs of persons in such circumstances the Academy has been organized. It receives pupils who have finished the regular seventh grade and offers

Outline of Work by Consecutive Years

FIRST PREPARATORY YEAR

DEPARTMENT.	FALL.	WINTER.	SPRING.
Classical Languages.....	Latin.....	Latin.....	Latin.....
English.....	Grammar and Composition.....	Grammar and Composition.....	Literary Classics.....
History.....	American History.....	American History.....	American History.....
Mathematics.....	Arithmetic.....	Algebra.....	Algebra.....
Natural Science.....	Physiology.....	Physiography.....	Civics.....

SECOND PREPARATORY YEAR

DEPARTMENT.	FALL.	WINTER.	SPRING.
Classical Languages.....	Latin or Greek.....	Latin or Greek.....	Latin or Greek.....
English.....	Elementary Rhetoric.....	Advanced Grammar.....	American Literature.....
History.....	General History.....	General History.....	General History.....
Mathematics.....	Algebra.....	Algebra.....	Algebra.....

THIRD PREPARATORY YEAR

DEPARTMENT.	FALL.	WINTER.	SPRING.
Classical Languages.....	Latin or Greek.....	Latin or Greek.....	Latin or Greek.....
Modern Languages.....	German, French or Spanish.....	German, French or Spanish.....	German, French or Spanish.....
English.....	English Literature.....	Rhetoric.....	English Analysis.....
Mathematics.....	Plane Geometry.....	Plane Geometry.....	Plane Geometry.....
Natural Science.....	Elementary Physics.....	Elementary Physics.....	Elementary Physics.....

them a course of instruction equal to that of the best High Schools. And, owing to the splendid equipment in the way of globes, maps, charts, library and laboratories, students in the Academy are able to complete the course in a much shorter time and in a manner much more satisfactory than is possible in the ordinary High School.

DIPLOMA.

On the completion of the Academy course the student receives a diploma that entitles him to enter the College of Arts and Sciences. The diploma stands for the same attainments in scholarship as does that of the best High Schools of Texas.

REQUIRED AND ELECTIVE COURSES.

In the Academy all courses in English, History, Mathematics and Sciences are required of each student. In addition he is required to take three years of Foreign Language, two of which must be some Ancient Language and to make a total of thirteen units, which must be completed before graduation.

COURSES OF INSTRUCTION.

LATIN.

Latin.—No matter what the profession or occupation contemplated, the practical advantage of a knowledge of Latin, not to speak of its disciplinary value, will be felt every day. For this reason, although not required, it is offered as an elective from the beginning of the College Course. The three years of work open to Preparatory students may be briefly outlined as follows:

Latin A.—Hale's First Latin Book; daily exercises at the blackboard, together with the study of forms and quantity. Course to continue throughout the year.

Latin B.—Second Year Latin Book; Cæsar's Gaelic Wars; prose composition and grammar, Hale-Buck.

Latin C.—Grammar and Composition; Eutropius Nepos and Sallust's Catiline.

GREEK.

Greek.—In addition to its importance as a mental discipline, and as a gateway to one of the world's greatest literatures, a course in Greek has distinct values in connection with professional life, especially in connection with the Christian Ministry. The New Testament comes to us in Greek; he who would understand it must first become proficient in the language of its original.

Two years of work in this department are offered to students of the Academy; this work serving as an introduction to both Classical and New Testament Greek. For particulars, see announcement of courses for the Department of Greek in the College of Arts and Sciences.

MODERN LANGUAGES.

GERMAN.

German A.—Essentials of German Grammar, composition and reading of easy prose.

German B.—Grammar, German Syntax and more difficult composition. Reading of some three hundred pages of prose and poetry from modern writers.

FRENCH.

Elementary Course.—Thorough drill on the elements of French Grammar; pronunciation, dictation, translation of easy English into French, reading of selected short stories.

SPANISH.

Elementary Course.—Spanish Grammar, pronunciation, simple dictation, translation of easy English into Spanish, reading of easy Spanish Texts.

ENGLISH.

No part of his course is of more importance to the general student than that which aims to give him understanding and control of his native speech. For this reason a liberal share of the time of the Academy pupil must be given to mastering his mother tongue. Three full years of daily recitation in English language and literature are required before graduation from the Academy. In the arrangement of this work for the sake of additional effectiveness, advantage has been taken of such opportunities for variety as the subject affords.

English.—Fall and Winter Terms: Grammar and Composition. Object of course a thorough mastery of the sentence, its construction and its use. Study of various specimens of good literary expression. Numerous written exercises involving all matters of Punctuation, Capitalisation and formal Social and Business Correspondence. Texts, Grammar, Baskerville and Sewell; Essentials of English Composition, Tarbell.

Spring Term: Literary Classics. Careful study of Longfellow's *Evangeline*, and Miles Standish, and Scott's *Lady of the Lake*.

English B.—Fall Term: Elementary Rhetoric. Exercises designed to complete the student's mastery of the more complex sentence-forms. Studies in paragraph-structure. Much practice work with a view of developing "sentence-sense" and an appreciation of the laws of the Principle of Unity and Coherence. Addison's *De Coverly Papers* are studied as examples of prose-style.

Winter Term: Advanced Grammar. Studies of the Principles of English construction completed.

Spring Term: American Literature. Outlines of American Literary History considered. Study of such works as Franklin's *Autobiography*, Irving's *Sketch Book*, Cooper's *Last of the*

Mohicans, Hawthorne's Twice-Told Tales, Bryant's Thanatopsis, Whittier's Snowbound, Longfellow's Hiawatha, Poe's Raven, Lowell's Vision of Sir Launfal, Emerson's Humble-Bee, and Each and All, Holmes' Old Ironsides, The Chambered Nautilus and One-Hoss Shay.

English C.—Fall Term: English Literature. The history of English Literature in brief. The College entrance requirements in English or their equivalent.

Winter Term: Rhetoric, a continuation of the work of the course of elementary Rhetoric.

Spring Term: English Analysis, practical exercises in Analysis of complex prose and verse.

HISTORY.

The student who enters the Academy is supposed to have completed courses in the history of Texas and the history of the United States. The work in History as offered by the Academy, therefore, is limited to two year's work as follows:

(a). American History and Civics, taught together, full year.

(b). General History (Myer's Revised), as follows: Ancient, Fall term; Mediaeval, Winter term; Modern, Spring term.

MATHEMATICS.

The worth of a course of Mathematics at all stages of a student's development calls for a curriculum in which the subject shall have place during each successive year. Such an arrangement obtains in the outline of Mathematics courses for the Academy as here presented.

Mathematics A.—Fall Term: Arithmetic, beginning at Percentage and completing the subject.

Winter and Spring Terms: Algebra, the more elementary processes as treated in a simple text.

Mathematics B.—Algebra through the year. A more ad-

vanced course than that offered in Mathematics A.

Mathematics C.—Plane Geometry through the year.

NATURAL SCIENCE.

The Courses in Natural Science in the Academy cover the same ground as do those of the best High Schools. All classes have the advantage of charts, drawings, collections of specimens and excellent laboratory facilities.

(a). To students of the first Academic year there is offered in the Fall term a course in Physiology; this is followed in the Winter and Spring term by a course in Physiography.

(b). To students of the third Academic year there is offered a year of work in Elements of Physics, a constant factor being laboratory experiments such as is offered by the best High Schools.

UNITS.

One hour of recitation daily in any given branch throughout the session of three terms constitutes one "unit." Thirteen and one-half units are required for graduation in the Academy.

EDUCATION.

PROFESSOR KINSEY.

In view of the facts, that there is a pressing demand for well-equipped teachers throughout this country, and especially in our own State, and that a recent law has given Texas Christian University an equal opportunity with any other school in the State in the training of teachers, this Department of Education has been established.

We believe that there has never been a time in the history of our country when the real demand for well trained teachers was greater nor the prospects for future advancement more flattering. Public, as well as private, schools are gradually, but surely, raising their standards, and at the same time demanding better equipped teachers. Therefore, to meet these growing demands the following courses in Education are offered, subject to any changes, re-adjustment, or addition that may be necessary to meet the requirements of the Certificate Law recently passed:

1. *Method of Teaching (one-third course).*

The purpose of this course is to make a careful study of the natural, or normal method, of teaching and to make special application of this to some of the branches taught in our common schools. Such works as Thompkin's Principles of Teaching, McMurry's Method of the Recitation, and Forbush's Boy Problem will be used for collateral reading, but the regular class work will be based largely upon Smith's Systematic Methodology as a text.

2. *School Management and School Laws (one-third course).*

Spring term, 3 hrs.

It will be the purpose of this course to give especial attention to basic principles and the common problems with which every teacher should be familiar. In developing

this study many problems of every day happenings will be treated as well as the whole subject from a logical and scientific standpoint.

A constant study of the common school laws, especially those of Texas, will be made by all students taking this course. Collateral readings will be assigned and theses required. Class work will be based on 'Thompkins' School Management.

3. *History of Education (full course)*. Fall, Winter and Spring terms, 3 hrs.

4. *Secondary Education (one-third course)*. Fall term, 3 hrs.

History of second school-organization, courses of study, time allotted to the various departments of the schools of America, as well as those of some of the other leading countries, will be considered in this course.

Lectures and assigned readings will be based on such works as DeGarmo's Principles of Education, Boone's Education in the United States, Painter's History of Education.

5. *Psychology of Development and of Adolescence (two-thirds course)*. Fall and Winter terms, c hrs.

A study of the development of the child, the influence of environment, and the many phases of the adolescent period. Lectures and collateral readings will be based, to some extent, on such works as Warner's Study of Children, Kirkpatrick's Fundamentals of Child Study, Openheim's Development of Children, and Hall's Aspects of Child Life and Education. The text for class use to be selected.

EXPENSES.

	Fall Term	Winter Term	Spring Term	Per Month
Tuition, College Department*	\$24.00	\$18.00	\$18.00	\$7.00
Academy Tuition*	20.00	15.00	15.00	6.00
Music—				
Piano, Director	40.00	30.00	30.00	11.00
Piano, first assistant	36.00	27.00	27.00	10.00
Piano, second assistant	32.00	24.00	24.00	8.00
Harmony, Instrumentation, Acoustics or Counterpoint	8.00	6.00	6.00	2.50
Theory (Elementary)	Free	Free	Free	Free
Voice, Mrs. Hunter	28.00	21.00	21.00	8.00
Violin, Prof. Hunter	28.00	21.00	21.00	8.00
Wind Instruments	20.00	15.00	15.00	6.00
Mandolin and Guitar	20.00	15.00	15.00	6.00
Pipe Organ	28.00	21.00	21.00	8.00
Oratory, Principal	28.00	21.00	21.00	8.00
Oratory, Assistant	20.00	15.00	15.00	6.00
Art—				
Painting and Drawing	28.00	21.00	21.00	8.00
China Painting	32.00	24.00	24.00	10.00
Complete course in Accounting, including Banking, Commercial Law and Typewriting	\$25.00	\$20.00	\$20.00	\$8.00
Complete Stenographic Course, including Typewriting and Commercial Law	25.00	20.00	20.00	8.00
Both the above Courses combined	30.00	20.00	20.00	8.00
Typewriting, alone	4.00	3.00	3.00	1.25
Banking alone, complete course	10.00			
Typewriter rent	5.00	3.75	3.75	1.50
One hour daily in above Courses	8.00	6.00	6.00	2.50
Laboratory Fees—				
Chemistry	4.00	4.00	4.00	
Zoölogy or Botany	3.00	3.00	3.00	
Physics	2.00	2.00	2.00	
Geology	1.00	1.00	1.00	
Board	48.00	36.00	36.00	13.00
Rooms—				
Main Building and first and second floors Girls' Home	16.00	12.00	12.00	4.50
Third floor of the Girls' Home and Townsend Hall	10.00	7.50	7.50	3.00
Piano Practice: \$1.25 per month for each hour per day.				
Normal Tuition, piano or violin, young pupils, for the year				\$10.00
Matriculation fee, including use of the library, gymnasium,atorium and physical culture instruction, for the year, (required of all students)				\$12.50
*Ministerial students and children of ministers solely dependent upon the ministry for support, per month				\$2.50

CORRELATED SCHOOLS.

HEREFORD CHRISTIAN COLLEGE.

HISTORICAL SKETCH.

The Hereford College and Industrial School opened September 10, 1902, with Randolph Clark as its first President. It soon passed under the control of the Disciples of Christ in the Panhandle, who were ambitious to maintain an institution of higher education.

In December, 1904, a proposition was made to the Board of Trustees of Texas Christian University to assume the indebtedness of the school and manage the college in the name of the Disciples of Christ in Texas. On the recommendation of the Christian Lectureship meeting at Temple, the Board assumed the obligation, and at once took steps to enlarge the scope of the institution.

Since that time the property has been deeded to Texas Christian University, and is now controlled by them through the local executive committee.

LOCATION.

The college is located at Hereford, the Queen City of the Panhandle, county seat of Deaf Smith county, forty-seven miles southwest of Amarillo, on the Pecos Valley and Northwestern railroad, a branch of the great Santa Fe system.

The location is almost ideal. Hereford is a prosperous town of 2,500, situated in a fertile section of the country, which is rapidly developing, and gives promise of becoming a thickly settled community. The altitude is 3,600 feet, which gives it an almost perfect climate. An abundance of pure water, and facilities for the most enjoyable and healthful outdoor exercises, added to a highly intellectual and moral community, free from

saloons and their attendant vices, guarantee the most helpful conditions for student life.

LITERARY DEPARTMENT.

In the literary department the courses of instruction cover a period of four years. On taking the number of required credits, the student will be granted the College diploma, which will entitle him to enter the Sophomore year of Texas Christian University without examination. Besides the regular College courses, the school maintains a Preparatory Department, which covers the work usually done in the Public Schools.

BUSINESS DEPARTMENT.

Instruction is offered in Bookkeeping, Shorthand, Type-writing, Commercial Arithmetic, Banking, Business Law, Business Forms, etc.

MUSIC DEPARTMENT.

Private Lessons will be given in Piano, Voice and Stringed Instruments. The department is well equipped with a number of pianos for practice. Students are given opportunity to appear in public recitals and concerts.

ORATORY.

Special attention will be given to the training of the voice for public speaking, the basic principles which underlie the philosophy of expression. Students will be given exercises in public debates, oratoricals, formal orations and English composition.

ART DEPARTMENT.

Both private lessons and class instruction will be given. The regular course consists of work in life, nature, still life, grouping, original sketching. A course of the history of art is offered.

GIRLS' HOME.

A large three-story building finished and furnished in comfort

and taste has been recently added to the school plant. The entire cost except \$500.00 has been paid through the liberality and earnest efforts of the friends of the school.

INDUSTRIAL DEPARTMENT.

The Board of Trustees have decided to establish a horticultural department for teaching girls the art of propagating and maturing the various flowering plants grown in this climate. An agricultural and dairy department will afford employment to young men while attending school and afford them an opportunity to learn from a scientific point of view every art practiced in this department.

EXPENSES.

For information concerning courses of study, cost of tuition and board, address

ELSTER M. HAILE, A. M., President,
PANHANDLE CHRISTIAN COLLEGE,
Hereford, Texas.

CARLTON COLLEGE.

HISTORICAL SKETCH.

Carlton College was founded September, 1867, by Charles Carlton, who graduated from Bethany June, 1849.

For fifteen years Carlton was co-educational and did a great work for the young men and young women of Texas.

In 1882 President Carlton decided to dedicate his college to the higher education of the young women of Texas.

Charles Carlton remained in active service until his death, February 13, 1902.

C. T. Carlton succeeded his father as President of Carlton College, which continued a private institution until 1905, when,

in order to unify the educational interests of the Christian Brotherhood, it became the property of Texas Christian University.

The people of Bonham generously subscribed twenty thousand dollars to retain and improve Carlton College.

Carlton is to make many improvements during the present year and is to continue until buildings, equipment and endowment are equal to the needs of a great people and a great State.

THE COLLEGE PROPER.

The College maintains a Primary Department that includes the first four grades and a Preparatory Department that includes the fifth, sixth, seventh and eighth grades. Above these departments the College proper offers four years of instruction, the courses being grouped into two more or less distinct lines of work, the one leading to the degree B. L., the other to the degree B. S.

THE SCHOOL OF MUSIC.

The School of Music offers courses in Pianoforte, Violin, Voice Culture and Singing, and Choral work. In addition, there is offered for beginners the Fannie Church Parsons' Illustrated Music Course and a Normal center has been established in Carlton College, where this system may be studied by teachers without the expense of a trip to and a stay in Chicago. Also a two years normal course is offered for the benefit of those who purpose to teach music.

THE SCHOOL OF EXPRESSION.

The School of Expression offers work in interpretation and expression extending through a course of four years.

THE SCHOOL OF ART.

Students in Fine Arts are trained along all the lines ordinarily found in good Art schools, such as studies from still life and

STATEMENT OF THE RELATION OF AFFILIATED HIGH SCHOOLS AND ACADEMIES.

It is recognized that the definite affiliation of secondary schools with the colleges brings valuable advantage all around; to the pupils in the readiness of passing from one school to the other, to the High School in securing a standardized course, to the College in receiving prepared matriculates, and to the general spirit of education in directing an increasing number to a higher grade of training. Hence it is the desire of the management of Texas Christian University, not only to arrange definite Affiliation with High Schools and Academies, but it is their hope also to be able to co-operate with all the institutions, standardizing the courses and elevating the ideals of the general public in educational matters.

The movement for the adoption of a general standard of College entrance requirements is one of progress. In accord with it, the Faculty of T. C. U. has announced that hereafter the entrance requirements will be expressed in terms of "units" instead of 'credits' as heretofore; and that 14 units will be required for entrance into the Add-Ran College of Arts and Sciences. It is the fixed purpose to maintain the requirements and that a standard College course and degree be given.

1. Schools will be affiliated by subjects. Affiliation in any subject means that the school prepares its graduates to enter the Freshman year in that subject. The scope of work covered in such case may be seen by reading the outline of the courses for the Academy in this Bulletin.

2. Schools to be in *full affiliation* must prepare the students in a sufficient number of subjects to aggregate 14 units. They will then be admitted to the Freshman Class without condition. If optional courses are offered by such a school, a certificate

should be furnished each student showing what courses have been actually completed.

3. *Partial affiliation* is granted to schools that are accepted in the subjects: English, 3; Mathematics, 3; History, 2, or more. Pupils from such schools will make up their remaining credits in the classes of the Academy, which can be done very conveniently.

4. While schools below this standard may not be recognized as affiliated at all, they may arrange to enter their students in the classes of the Academy at the proper point, by sending certificates showing the standing of the pupil.

5. *To Obtain Affiliation*—If affiliated with the University of Texas, a school is accepted without further evidence, and will be put on our list, after writing a letter stating the desire, or filling out our blank.

Other schools will be furnished application blanks, on request, and when the courses described by these are approved, specimen papers may be called for, and a visit made to the school.

No school of this class is expected to be accepted without a visit from our representative.

6. Below is a table of the values attached to the various subjects when prepared up to the point indicated by the course outlined for our Academy, which conforms to that which is standard among colleges.

For Freshman standing a pupil must present 14 units, of which the following are prescribed: English, 3; Mathematics, 3; History, 2; Physics, 1; Foreign Language, 3 (of which 2 must be an ancient language).

English	3
Mathematics	3 or more
History	2 or 3

Latin	3
German	2
French	2
Spanish	2
Greek	2
Physics	1
Chemistry	1
Physiography	1½
Physiology	1½
Civics	1½
Botany	1
Zoölogy	1

Where courses are carried beyond the specified advancement extra credit will be given.

LIST OF AFFILIATED SCHOOLS.

The following schools have completed definite affiliation and their graduates may receive credit in the subjects specified; and the first honor graduate will receive a free Literary Scholarship in Texas Christian University:

SCHOOL	SUBJECTS
Abilene High School, Abilene.....	E. H. M. L. P.
Supt., C. E. Evans.	
Alice High School, Alice.....	E. H. M. S.
Supt., H. N. Stamper.	
Alvarado High School, Alvarado.....	E. H. M. L.
Ballinger High School.....	E. H. M. L. P.
Supt., S. M. Byrd.	
Beaumont High School, Beaumont.....	E. H. M. L. G. S. P. C. F.
Belton High School, Belton.....	E. H. M. L. G. S. P.
Supt., J. B. Hubbard; Prin., L. H. Hubbard.	

Bonham High School, Bonham.....	E. H. M. L. G. P. C. Ph.
Supt., I. W. Evans; Prin., J. H. Burnett.	
Big Springs High School, Big Springs.....	E. H. M. L.
Prin., C. E. Thomas.	
Bowie High School, Bowie.....	E. H. M. L.
Supt., G. L. Marshall.	
Brady High School, Brady.....	E. H. M. L. P.
Supt., W. H. Emert; Prin., J. E. Bullock.	
Brenham High School, Brenham.....	E. H. M. G.
Supt., Peyton Irving, Jr.	
Brownwood High School, Brownwood.....	E. H. M. L. P. Ph.
Supt., Geo. H. Carpenter.	
Bryan High School.....	E. H. M. L.
Supt., W. C. Lawson; Prin., A. W. Kinnard.	
Burnett High School.....	E. H. M.
Supt., M. B. Brown.	
Caldwell High School, Caldwell.....	E. H. M. L. G.
Supt., J. W. Smith; Prin., Miss L. H. Smith.	
Calvert High School.....	E. H. M. L. C.
Supt., W. A. Lake; Prin., Miss Glennie Wilson.	
Cameron High School, Cameron.....	E. H. M. L. G. P. C.
Supt., W. J. Sims; Prin., J. E. Watts.	
Carlisle Military Academy, Arlington.....	E. H. M.
Supt., Jas. M. Carlisle.	
Center High School.....	E. H. M. L.
Supt., A. E. Day; Prin., R. W. Persons.	
Colorado High School, Colorado.....	E. H. M. L. P.
Supt., C. L. McDonald; Prin., E. T. Sterling.	
Comanche High School, Comanche.....	E. H. M. L.
Supt., D. P. Parker; Prin., M. K. Witt.	
Conroe High School, Conroe.....	E. H. M. L.
Prin., H. N. Anderson.	

Corpus Christi High School, Corpus Christi	E. H. M. S.
Supt., C. W. Crossley; Prin., W. M. Menger.	
Corsicana High School, Corsicana	E. H. M. L. F. G. C. P.
Supt., J. W. Cantwell; Prin., M. H. Duncan.	
Crockett High School	E. H. M. L.
Supt., R. R. Sebrig.	
Denton High School, Denton	E. H. M. L. C. P.
Supt., J. S. Carlisle; Prin., W. N. Masters.	
Dublin High School, Dublin	E. H. M. L.
Dallas High School, Dallas	E. M. H. L. C. P. G.
Supt., J. L. Long; Prin., J. Morgan.	
Ennis High School, Ennis	E. H. M. L. G. S.
Elgin High School, Elgin	E. H. M.
Jno. C. French High School, Cuero	E. H. M. L. G.
Gainesville High School, Gainesville	E. H. M. L. G. S. P.
Supt., E. F. Comeys; Prin., J. P. Glasgow.	
Gatesville High School, Gatesville	E. H. M. L.
Supt., B. B. Cobb; Prin., H. B. Whaling.	
Garland High School	E. H. M. L. P. Cr. Ph.
Supt., Thos. H. Platt.	
Greenville High School	E. H. M. L.
Supt., L. C. Gee; Prin., J. H. Shepperd.	
Groesbeck High School	E. H. M. L.
Supt., G. W. Gable; Prin., J. R. Atkins.	
Haskell High School, Haskell	E. H. M. L.
Supt., Rives.	
Hillsboro High School, Hillsboro	E. H. M. L. P. Ph.
Supt., T. D. Brooks.	
Henderson High School, Henderson	E. H. M.
Supt., P. P. Bittle; Prin., Miss Fannie West Harris.	
Hico High School, Hico	E. H. M.
Supt., W. E. Edelen.	

Houston High School, Houston.....	E. H. M. L. G. P. C.
Supt., P. W. Horn; Prin., W. C. Smiley.	
Houston Heights High School.....	E. H. M. L. G.
Supt., A. H. Russell.	
Hubbard High School, Hubbard.....	E. H. M. L.
Italy High School.....	E. H. M. L.
Supt., G. T. Bludworth; Prin., E. G. Grafton.	
Ladonia High School.....	E. H. M. L.
Supt., R. F. Parker.	
Lampassas High School, Lampassas.....	E. H. M. L. P.
Supt., G. D. Scott; Prin., J. E. Hickman.	
Laneville High School.....	E. H. M.
Supt., C. A. Jay.	
Llano High School.....	E. H. M.
Supt., J. G. Toland.	
Lockhart High School.....	E. H. M. L.
Supt., Jas. F. Johnson.	
Marble Falls High School.....	E. H. M. L.
North Fort Worth High School.....	E. H. M. P. Cr.
Prin., Albert D. Fincher.	
Marshall High School, Marshall.....	E. H. M. L. P. C.
Supt., W. H. Attebery; Prin., J. W. P. Massey.	
Mart High School, Mart.....	E. H. M.
Supt., H. L. Goermer; Prin., J. L. Head.	
McKinney High School.....	E. H. M. L.
Supt., J. H. Hill; Prin., J. W. Williams.	
Mineola High School, Mineola.....	E. H. M. L. G.
Supt., B. A. Stafford; Prin., Geo. L. Taylor.	
Mineral Wells High School.....	E. H. M. L. P.
Supt., C. P. Hudson; Prin., Miss. Jennie Richie.	
Navasota High School.....	E. H. M. L. C. P. G.
Supt., W. B. Bizzell.	

Orange High School, Orange.....	E. H. M. L.
Supt., S. B. Foster; Prin., D. G. Hinsley.	
Palestine High School, Palestine.....	E. H. M. L. G.
Supt., Walter King; Prin., E. P. Gaines.	
Paris High School, Paris.....	E. H. M. L. G. S.
Supt., J. G. Wooten; Prin., A. S. Otto.	
Pilot Point High School.....	E. H. M. L. P.
Supt., A. B. Weisner.	
Plano High School, Plano.....	E. M. H. L. P.
Supt., C. F. Walker; Prin., S. M. Lloyd.	
Port Arthur High School, Port Arthur.....	E. H. M. L. P.
Supt., T. L. Toland.	
Quannah High School.....	E. H. M. L.
Supt., Chas. G. Green; Prin., H. Y. May.	
R. E. Lee High School, Burnet.....	E. H. M. L.
Supt., R. J. Richie.	
Rock Springs High School.....	E. H. M.
Supt., J. H. Kile.	
Roswell, N. M., High School.....	E. H. M. L. P. C. G. Cr.
Supt., M. H. Brasher; Prin., T. G. Rogers.	
Royse High School, Royse.....	E. H. M. L.
Supt., G. P. Blackburn; Prin., E. D. Criddle.	
San Angelo High School, San Angelo.....	E. H. M. L.
Supt., Felix E. Smith.	
San Saba High School, San Saba.....	E. H. M.
Supt., G. H. Hagan; Prin., W. W. Hart.	
San Marcos High School.....	E. H. M.
Supt. G. W. Sims.	
Seymour High School, Seymour.....	E. H. M.
Supt., J. W. Hamilton; Prin., Wm. T. Hayter.	
Smithville High School, Smithville.....	E. H. M. P. Ph.
Supt., J. N. Bigbee.	

Sulphur Springs High School.....	E. H. M. L.
Supt. F. V. Garrison.	
Sherman High School.....	E. H. M. L. Ph.
Stratford High School, Stratford.....	E. H. M. L.
Supt., W. H. Grimm; Prin., Miss Nettie Walden.	
Taylor High School.....	E. H. M. L. P. G.
Supt., John F. O'Shea.	
Temple High School, Temple.....	E. H. M. L. G. P. C.
Supt., Justin F. Kimball; Prin., Thos. Fletcher.	
Terrell High School, Terrell.....	E. H. M. L.
Supt., S. M. N. Marrs; Prin., J. S. Bagwell.	
Troupe High School.....	E. H. M. P. C.
Supt., M. M. Dupre; Prin., F. C. Fortune.	
Tyler High School, Tyler.....	E. H. M. L.
Supt., W. T. Adams; Prin., A. W. Birdwell.	
Uvalde High School, Uvalde.....	E. H. M. L.
Supt. A. W. Evans	
Van Alstyne High School.....	E. H. M. L.
Supt. W. F. Barnett; Prin., J. R. Golden.	
Vernon High School.....	E. H. M. L. P. Ph.
Supt. B. F. Holcom; Prin., Dinsmore.	
Victoria High School, Victoria.....	E. H. M. L. Ph. C.
Supt., Arthur LeFevre.	
Waco High School, Waco.....	E. H. M. L. G. C. P.
Supt. J. C. Lattimore.	
Waxahachie High School.....	E. H. M. L. C. P. Ph.
Supt., Walter Acker; Prin., T. D. Criddle.	
Weatherford High School, Weatherford.....	E. H. M. L. P. C.
Supt., T. W. Stanley; Prin., W. O. DeWees.	
Wichita Falls High School, Wichita Falls.....	E. H. M. L.

CO-RELATED SCHOOLS.

The following schools stand in closer relation to Texas Christian University, the first three being the property of the Christian Church in Texas. Each one has a separate agreement with the University for the standing of its graduates:

Hereford Christian College, Hereford, Texas.

Carleton College, Bonham, Texas.

Midland College, Midland, Texas.

Carr-Burdette College, Sherman, Texas.

The Christian Institute, Monterey, N. L. Mexico.

CONTINUED FROM PAGE 140.

from nature in pencil, charcoal and crayon, in oil and water color. To this practive work is added a course in the History of Art.

THE SCHOOL OF BUSINESS.

The School of Business offers work in Shorthand, Type-writing, Commercial Law, Spelling, Grammar, Business Correspondence and Civil Government.

EXPENSES.

For particulars concerning expenses at Carlton, for any further information concerning courses of study, etc., address

MISS GRACE CARLTON,

Bonham, Texas.

MIDLAND COLLEGE.

This college is located at Midland, Texas, and is correlated with Texas Christian University. The first session will open in September with a full faculty in the Academic, Art, Music and Oratory Departments.

The Board of Trustees have exercised great wisdom in the election of R. L. Marquis, A. B., President, and in supplying an efficient faculty.

ALUMNI.

CLASS OF 1876.

J. E. Jarrott, A. B., Prof. Mathematics, Add-Ran College
1877-1879. (Died 1879).

E. Wilwee, A. B., preacher.....Mangum, Okla.

CLASS OF 1877.

G. E. Carpenter, A. B., planter.....Plano, Texas

D. F. Goss, A. B., attorney-at-law.....Seymour, Texas

CLASS OF 1879.

Lou Carr, A. B., (Mrs. S. J. Bass).....McKinney, Texas

W. H. Gatliff, A. B., physician.....Butte, California

Alfred Irby, S. B., (A. M., ibid, 1892) physician.....

.....Weatherford, Texas

J. H. Smithers, A. B.....Chicago, Illinois

CLASS OF 1880.

Geo. C. Cole, A. B., attorney-at-law (died 1903) Dallas, Texas

CLASS OF 1881.

C. E. Dunn, A. B., farmer.....Wylie, Texas

J. N. Gambrel, A. B., farmer and stock-raiser.....

.....Prairie Lee, Texas

L. B. Miller, A. B., journalist.....

.....77 Channing Ave., St. Louis, Mo.

A. P. Thomas, A. B., President Burnetta College Venus, Texas

CLASS OF 1882.

L. W. McAdams, A. B., teacher.....Oregon City, Oregon

W. M. Campbell, A. B., physician.....Weatherford, Texas

T. J. McBride, A. B., fruit grower.....Swan, Texas

F. O. McKinsey, A. B., attorney-at-law.....Weatherford, Texas

Josie Scott, A. B., (Mrs. F. O. McKinsey), Weatherford, Texas

CLASS OF 1883.

K. A. Berry, A. B., (died 1907).....Quanah, Texas

M. M. Griffith, A. B., merchant.....Ardmore, Okla.

Minnie Clark, A. B., (Mrs. J. B. Rogers) teacher.....

.....Junction City, Texas

Belle Oglesby, A. B., (Mrs. Wythe).....Weatherford, Texas

T. A. Wythe, A. B., real estate dealer.....Weatherford, Texas

CLASS OF 1884.

R. H. Bonham, A. B., (A. M., *ibid*, 1892) teacher.....

.....Leesville, Louisiana

C. H. Miller, A. B.

C. C. Perrin, A. B., planter.....Celeste, Texas

CLASS OF 1885.

J. B. Sweeney, A. B., (A. M., *ibid*, 1891, LL. D. *ibid*,
1905, professor T. C. U. 1895-1900), preacher (died
1901)Gainesville, Texas

CLASS OF 1886.

Effie Wilwee, A. B., (Mrs. J. R. Boyd), teacher of music
in Add-Ran University, (died 1898).

G. L. Bush, A. B., (A. M., *ibid*. 1891), preacher.....

.....Carrolton, Mo.

Mattie Gill, A. B., teacher.....Lisbon, Texas

H. E. Hildebrand, A. B., Manager Transfer Company,
.....San Antonio, Texas

T. A. Miller, A. B., M. D., physician.....Corsicana, Texas

Birdie Nichols, A. B., (Mrs. Caruth).....Yoakum, Texas

W. B. Parks, A. B., (A. M., *ibid*. 1892), Ph. D., professor
Science Department T. C. U.Waco, Texas

CLASS OF 1887.

- Olive Jones, A. B., (Mrs. Millikin), teacher of music.....
Atlanta, Georgia
- R. L. Ragsdale, A. B., member Texas Legislature, 1894 to
 1900, attorney-at-law (died 1902).....Denton, Texas

CLASS OF 1888.

- B. Andrews, A. B., merchant.....San Antonio, Texas
- Sallie Andrews, A. B.McKinney, Texas
- P. F. Brown, A. B., stock-raiser.....Lubbock, Texas
- A. I. Hudson, A. B., attorney-at-law.....Dallas, Texas

CLASS OF 1889.

- Ophelia McMorris, A. B., (A. M., ibid. 1892) teacher.....
San Marcos, Texas
- Laura Nichols, A. B., (Mrs. R. L. Ragsdale) teacher.....
Yoakum, Texas

CLASS OF 1890.

- A. Clark, Jr., A. B., (A. M., ibid. 1895), professor T.
 C. U. 1896-1898, journalist(died 1903), Amarillo, Texas
- Jessie Clark, A. B., (Mrs. Russell).....Comanche, Texas
- Claudia Miller, S. B., (Mrs. A. C. Easley).....Waco, Texas
- Lucretia Bushwah, S. B., (Mrs. Alfred Irby).....
Weatherford, Texas
- A. C. Easley, A. B., (A. M., '93), Teller Citizens Na-
 tional Bank.....Waco, Texas
- F. G. Jones, A. B., teacher.....McKinney, Texas
- C. M. Votaw, A. B., attorney-at-law.....Houston, Texas

CLASS OF 1891.

- C. Elizabeth Clark, S. B., (Mrs. Boyd) teacher, Lubbock, Texas

J. B. Cook, A. B., cashier First National Bank (died
1899).....West, Texas
Wm. L. Moore, A. B., principal Academy of Languages
.....Mexico
Nellie Lamon, A. B., (Mrs. R. J. Knox), (died 1892)
.....Burnet, Texas

CLASS OF 1892.

Ginerva Wood, S. B., (Mrs. Carson), teacher.....
.....Sherwood, Texas
E. F. Clanton, A. B., Supt. public schools.....Longview, Texas
J. R. Clanton, A. B., druggist.....Hazen, Arkansas
A. C. Elliott, S. B., editor.....Hereford, Texas
W. J. Hildebrand, A. B., physician.....Gonzales, Texas
R. F. Holloway, S. B., business manager Add-Ran-Jarvis
College.....Thorp Spring, Texas
Randolph Paine, A. B., attorney-at-law, 205 Main street,
.....Dallas, Texas
E. C. Snow, A. M., real estate.....Pan, Texas

CLASS OF 1893.

I. E. Adams, A. B., (A. M., ibid. 1895), merchant.....
.....Sarcoxié, Missouri
T. M. Clark, L. B., (A. M., ibid. 1894), president Bay
View College.....Portland, Texas
A. J. Cook, S. B., Supt. public schools.....Seguin, Texas
Trixie Green, S. B., teacher (Mrs. Judge Lively) Dallas, Texas
Julia Holloway, S. B., (deceased)
Lizzie Thornton, S. B., (Mrs. J. M. Rieger Comanche, Texas
J. B. Rogers, A. B., Supt. public schools, Junction City, Texas
J. D. Shaw, S. B., (A. M., ibid. 1897).....Big Springs, Texas
A. F. Shepard, S. B., Deputy County Clerk.....Gilmer, Texas

John C. Smith, A. B., Supt. city schools.....Vernon, Texas
 R. M. Scott, A. B., attorney-at-law.....Dallas, Texas
 Miltie Weatherly, S. B., teacher.....Grapevine, Texas
 Randolph Clark, A. M., professor T. C. U. 1873 to 1896,
 vice-president Add-Ran-Jarvis College, Thorp Spring, Texas
 Addison Clark, LL. D., president T. C. U. 1873 to 1899,
 president Add-Ran-Jarvis College, Thorp Spring, Texas

CLASS OF 1894.

Pearl J. Boone, A. B., (Mrs. T. J. Grady) teacher.....
 Texico, New Mexico
 R. J. Clanton, L. B., druggist.....Dallas, Texas
 R. Carlton Clark, A. B., (A. M., ibid. 1895), professor
 State University.....Oregon
 Ellsworth E. Faris, S. B., A. M., '07, professor philosophy
 T. C. U.....Waco, Texas
 Fannie B. Kemp, S. B., (Mrs. A. F. Sheperd) (died 1905)
 Gilmer, Texas
 Maggie P. Lowber, A. M., (Mrs. J. W. Lowber),
 Austin, Texas
 R. B. Whitton, L. B., teacher.....Waco, Texas
 M. M. Davis, A. M., pastor.....Dallas, Texas
 John T. Moore, A. M., physician.....Galveston, Texas
 A. O. Riall, A. M., teacher Carr-Burdette.....Sherman, Texas
 Ralph C. Scurrah, A. M., (LL. D., ibid. 1896).....
 London, England

CLASS OF 1895.

Lee Clark, A. B., superintendent.....Iowa Park, Texas
 V. Z. Jarvis, S. B., stock-raiser.....Fort Worth, Texas
 Geo. H. Morrison, A. B., preacher.....Abilene, Texas
 Flora Pinkerton, S. B., (Mrs. G. H. Morrison).....
 Abilene, Texas

B. H. Oxford, L. B., attorney-at-law.....	Mancos, Colorado
Maud Wood, L. B., (Mrs. W. E. Branch) teacher.....	
.....	Sherwood, Texas
Dr. F. D. Green, A. M.	Denver, Colorado
Dr. Geo. P. Hall, A. M., professor in Medical College	
.....	Galveston, Texas
J. S. Henderson, LL. D., teacher.....	London, England
J. M. Lindsey, LL. D., teacher.....	Hull, England
F. H. Marshall, Ph. D., teacher.....	Enid, Okla.
J. J. Morgan, A. M., teacher.....	Lincoln, Nebraska
Samuel Naish, A. M., (LL. D., ibid, 1897), preacher.....	
.....	Exeter, England
Dr. Clarence Warfield, A. M.	Galveston, Texas
Thomas G. Woodman, LL. D., teacher.....	Brighton, England
Lois A. White, S. B., (Mrs. J. O. Holland).....	Waco, Texas
R. L. Miller, L. B., attorney-at-law (died 1896)	Mathis, Texas

CLASS OF 1896.

J. M. Campbell, A. B.	Anadarka, Okla.
Julia F. Easley, S. B., (Mrs. O. C. Robertson).....	
.....	Iowa Park, Texas
John F. Kemp, A. B., teacher.....	Abilene, Texas
Bertha C. Mason, S. B., (Mrs. J. H. Fuller), Missionary	
.....	Monterey, Mexico
May Miller, L. B., (Mrs. R. H. Simmons).....	Dalhart, Texas
W. H. Penix, S. B., attorney-at-law.....	Mineral Wells, Texas
Mary Lipscomb, S. B., (Mrs. Wiggins).....	Frisco, Texas
J. F. Anderson, A. M., professor of Science Department,	
Treasurer, T. C. U.....	Waco, Texas
Ralph C. Scurrah, LL. D., teacher.....	London, England
I. M. Cline, Ph. D., Director Weather Bureau.....	
.....	Galveston, Texas

George Fowler, A. M., preacher.....Ottawa, Canada
 Jesse B. Haston, A. M., preacher.....Colorado Springs, Colo.
 A. M. Logan, A. M., teacher.....Fargo, N. D.
 Lou Ella Clark, A. B., (Mrs. R. F. Holloway).....
Thorp Spring, Texas

CLASS OF 1897.

G. A. Lewellen, LL. D.
 Lollie Broad, A. B., (Mrs. Wright).....
 J. J. Hart, A. B., (A. M., *ibid*, 1899) principal Business
 College T. C. U.....Waco, Texas
 J. T. McKissick, A. B., (A. M., *ibid*, 1904), preacher.....
Nashville, Tennessee
 A. T. Sherman, A. M.....Brooklyn, N. Y.
 Ira P. Hildebrand, A. B., Professor Law.....Austin, Texas

CLASS OF 1898.

Mary Foreman, A. B., (Mrs. T. G. Easley).....Munday, Texas
 Frank F. Elkin, A. B., banker.....Midland, Texas
 Cora Kinnard, A. B., (Mrs. J. J. Hart), teacher, Waco, Texas
 R. H. Simmons, A. B.Dalhart, Texas
 W. M. Lawyer, A. M., preacher.....Ellendale, N. D.
 W. W. Burks, A. M., preacher.....Parsons, Kan.

CLASS OF 1899.

Mamie E. Schaper, L. B., teacher.....Waco, Texas
 Bessie R. Clark, L. B., teacher.....Amarillo, Texas
 W. T. Hamner, S. B., teacher T. C. U.....Waco, Texas
 E. R. Cockrell, A. B., teacher T. C. U.....Waco, Texas
 Claude McClellan, A. B., attorney-at-law.....Coleman, Texas
 S. P. Smith, A. M.Bonham, Texas
 J. L. Noblitt, A. M., teacher.....Weatherford, O. T.

CLASS OF 1900.

John B. McNamara, A. B., attorney-at-law.....	Waco, Texas
John W. Kinsey, A. B., teacher T. C. U.....	Waco, Texas
Marcellus H. Brasher, A. B., Supt.....	Roswell, New Mexico
John Andrews, A. B., teacher.....	Thorp Spring, Texas
D. A. Leak, A. M., principal school.....	Logansport, La.
J. W. Littlejohn, A. M., teacher.....	

CLASS OF 1901.

Charles I. Alexander, A. B., professor Mathematics T. C.	
U.....	Waco, Texas
L. Pierce Bailey, A. B., merchant.....	Moody, Texas
Carr T. Dowell, A. B., professor chemistry.....	Edmond, Okla.
Robert L. Marquis, A. B., president Midland College.....	
.....	Midland, Texas
Mrs. Maude W. Marshall, A. B.....	Enid, Okla.
Olive McClintic, A. B., professor of Oratory.....	Edmond, Okla.
J. Frank Pruett, Jr., A. B., teacher.....	Walter, Okla.
James N. Wooten, A. B., preacher.....	Longview, Texas

CLASS OF 1902.

Lillie Dell Bates, A. B., (Mrs. Clovis Moore).....	
.....	Valentine, Texas
Ernest J. Bradley, A. B., preacher (A. M., ibid. 1903)	
.....	Lampasas, Texas
Virgie N. Gregory, A. B.....	Waco, Texas
J. Crockett Mullins, A. B., preacher.....	Ada, Okla.

CLASS OF 1903.

Effie Jones, A. B., (A. M., ibid. 1904) (Mrs. Beaman)	
.....	Carlsbad, New Mexico
H. E. Luck, A. B., preacher.....	Cleburne, Texas

W. R. Reynolds, A. B., preacher.....Denton, Texas

CLASS OF 1904.

L. G. Ament, A. B., preacher.....Dalhart, Texas
 Wesley Ammerman, A. B., attorney.....Fort Worth, Texas
 T. N. Goodson, A. B.....Comanche, Texas
 H. R. Ford, A. B., preacher.....Midland, Texas
 R. H. Foster, A. B., attorney.....Brownwood, Texas
 Everett Jones, A. B., physician.....Sherman, Texas
 Jeila Jordan, A. B., State Organizer C. W. B. M.....
Fort Worth, Texas
 E. K. Lavender, A. B.....Lancaster, Texas
 Lena Lewis, A. B., teacher.....Leona, Texas
 Hallie McPherson, A. B., teacher.....Waxahachie, Texas
 Clovis T. Moore, A. B., stock-raiser.....Valentine, Texas
 Ed. S. McKinney, A. B., pastor.....Woodward, O. T.
 C. C. Peck, A. B., preacher.....Brady, Texas
 B. W. Proctor, A. B.....Mart, Texas
 Homer Rowe, A. B.....Dalhart, Texas
 Mary Taliaferro, A. B., teacher Panhandle Christian Col-
 lege.....Hereford, Texas
 Polk C. Webb, A. B., teacher.....Aberdeen, Texas
 Douglas Shirley, A. B., assistant Treasurer, T. C. U.
Waco, Texas
 Jas. Johnson, A. M., president College of the Bible.....
Melbourne, Australia

CLASS OF 1905.

Bessie Coffman, A. B.....Melissa, Texas
 L. L. Goss, A. B., bookkeeper.....Dalhart, Texas
 Elster M. Haile, A. B., A. M., '06, president Panhandle
 Christian University.....Hereford, Texas

Annie Maupin, A. B.	Kingston, Texas
Earl Milroy, A. B., A. M., '06	Brenham, Texas
Mamie Rattan, A. B.	Cooper, Texas
Pauline Shirley, A. B., A. M., '06	Brenham, Texas
Leroy D. Anderson, A. B., pastor	Palestine, Texas
Alonzo N. Ashmore, A. B.	Manor, Texas
William C. Barnard, A. B.	Cleburne, Texas
L. Edward Brannin, A. B., physician	Dallas, Texas
Frank Beach, A. B., A. M., '06 preacher	Anadarko, Okla.
Hardy Grissom, A. B., merchant	Haskell, Texas
Thomas C. Honea, A. B., physician	Cleburne, Texas
Coral Hamlin, A. B., teacher	Mineral Wells, Texas
John W. Smith, A. B., pastor	Brownwood, Texas
Lola Stockton, A. B.	Louise, Texas
Zemula Clark, A. B.	Thorp Spring, Texas
Abdullah Ben Kori, A. M.	Knoxville, Iowa

CLASS OF 1906.

Louise Andrews, A. B.	Sherman, Texas
C. M. Ashmore, A. B., pastor	Cooper, Texas
E. C. Boynton, A. B., pastor	Huntsville, Texas
Bertha C. Bradley, A. B.	Temple, Texas
W. H. Bush, A. B., banker	McKinney, Texas
G. W. Carpenter, A. B., planter	Plano, Texas
J. L. Clark, A. B., professor English	Thorp Springs, Texas
C. P. Craig, A. B., pastor	Fort Worth, Texas
T. S. Graves, A. B., professor English	T. C. U., Waco, Texas
J. F. Kinnard, A. B.	Dallas, Texas
R. B. Muse, A. B., teacher	McKinney, Texas
A. J. Saunders, A. B., preacher	Chicago, Ill.
J. H. H. Scales, A. B., real estate	Brownsville, Texas
J. H. Sheppard, A. B., teacher	Greenville, Texas
M. G. Smith, A. B., preacher	Enid, Okla.

T. F. Weaver, A. B., evangelist.....	Timpson, Texas
Mamie Welch, A. B.....	Nelta, Texas
Modena, Welch, A. B.....	Nelta, Texas

CLASS OF 1907.

Ralph V. Callaway, B. D., preacher.....	Atlanta, Ill.
J. F. Quisenberry, B. D., preacher.....	Weatherford, Texas
O. R. Burcham, A. B.....	Paris, Texas
Campbell Carnes, A. B., student Medical College.....	Dallas, Texas
W. O. Dallas, A. B., preacher.....	Leesville, La.
R. C. Garrard, A. B., bank clerk.....	Dallas, Texas
Willena Hannaford, A. B.....	Granbury, Texas
J. R. Muse, A. B., teacher.....	Marshall, Texas
Procter, L. C., teacher.....	Lampasas, Texas
Mercy B. Perkins (Mrs. Murray Ramsey).....	Austin, Texas
Cecil Wolford (Mrs. R. C. Garrard).....	Dallas, Texas
Bob Williams	Dallas, Texas

CLASS OF 1908.

Boegeman, Non M., missionary.....	Bilaspur, India
Hall, Gordon B., teacher.....	Madisonville, Ky.
Harwood, Alex.	Dallas, Texas
Hunter, Mollie.....	Dallas, Texas
Mills, Ethel (Mrs. Ben Gooch).....	Waco, Texas
McCulloh, Jennie Vic, A. M., '09, teacher.....	Haskell, Texas
Newlee, Frank Henry, teacher.....	Colarod, Texas
Perkinson, Floy B.....	Dallas, Texas
Rockewll, Roy Elwood, teacher.....	La Junta, Colo.
Tyson, Paul, A. M., '09, teacher in T. C. U.....	North Waco, Texas
Tomlinson, Beatrice Annie.....	Hillsboro, Texas
Tomlinson, Lela May.....	Hillsboro, Texas
Wallace, J. Olen, teacher.....	Rockwell, Texas

MATRICULATES.

GRADUATES.

Harry Rupert Ford; B. D.
Jennie Vic McCulloh, A. M.
Paul Tyson, A. M.
C. M. Ashmore, A. B.

SENIORS

Campbell Barnard	James R. McFarland
Bertram H. Bloor	Noah C. Perkins
Bryant F. Collins	Dan D. Rodgers
Bonner Frizzell	Earnest U. Scott
J. B. Frizzell	Mable Shannon
Clois L. Greene	William E. Sturgeon
Howell G. Knight	Douglas E. Tomlinson
Eula McNeill	John C. Welch

JUNIORS

T. J. Allen	Howard B. Dabbs
M. A. Baldwin	Loy C. Wright
Edith Baldwin	Barney Halbert
M. G. Bivens	George Herder
Lena Burford	Anna Mae Roquemore
Edgar H. Busch	Mary Bain Spence
G. P. Brouse	W. Grundy Stevenson
H. E. Bozeman	Myrtle Olga Tomlinson
Noel C. Carr	Manly Thomas
Ada Inez Culpepper	Wolford Lucile

SOPHMORE

Grantland Anderson	John Bateman
--------------------	--------------

Avis Baird
Frank Baldwin
Preston Baldwin
Earl Gough
Cullen Graves
Kathleen Gibson
Clyde Hackney
Burrell Hulsey
Nita Martin
Bess McNeill
Will Massey
Kathleen Munro

Ora Carpenter
Oscar Drucke
Ida Foster
Clara Moses
John Pyburn
Auble Riter
Mary Riter
Alvin Smith
Braxton Wade
Ethel Webb
Prior Witt

FRESHMEN.

Douglas A. Allen
Eva Alexander
Marie Brewer
Chas. H. Bussey
Mabel Baldwin
Roy E. Butler
Earl Brown
Minnie Carson
Bettie Couch
Louis Drucke
Milton Daniels
Edwin Elliott
Willea Elliott
George Green
Leron B. Gough
Clarence M. Hall
G. W. Howeth
Mary Heath
Elisha Walker

Vera Heath
Una Jackson
Ollie Kirkpatrick
Joe J. Murray
Ralph McCormick
Carl Melton
Louie Noblitt
Ruth Payne
Mary Pendleton
E. H. Shelton
Scott Stanfield
Harriet Shirley
Roy Tomlinson
Graham Tyson
Oscar Wise
Curtis Weaver
James L. White, Jr.
Armon Yates

Entire Student List.

Allen, T. J.	Coleman, Texas
Allen, Mary	Eddy, Texas
Alexander, Eva	Stratford, Texas
Anderson, Ernest	Waco, Texas
Anderson, Juanita	Temple, Texas
Anderson, Grantland	Waco, Texas
Anderson, Louise	Waco, Texas
Armstrong, Vivian	Sanderson, Texas
Arnold, Irene	Franklin, Texas
Ackers, Lewis	Breckenridge, Texas
Appleton, Bertis	Hermleigh, Texas
Arthur, Wenono	Hereford, Texas
Allen, Douglas	Coleman, Texas
Ashmore, C. M.	Waco, Texas
Amis, J. L.	Wylie, Texas
Anderson, Oscar	San Angelo, Texas
Andrus, Birtie	Big Springs, Texas
Alford, Edna	Speegleville, Texas
Alford, Carl	Rising Star, Texas
Alexander, Mrs. C. I.	Waco, Texas
Ashmore, Mrs. C. M.	Waco, Texas
Anderson, John	Waco, Texas
Aten, Viola	Round Rock, Texas
Allen, Leslie	Coleman, Texas
Baldwin, Mabel	Haskell, Texas
Baldwin, Frank	Haskell, Texas
Baldwin, Preston	Haskell, Texas
Baldwin, M. A.	Windom, Texas
Baldwin, Edith	Windom, Texas
Baldwin, Blanche	Windom, Texas
Barnett, L. L.	Bonham, Texas
Bateman, John	Eddy, Texas

Baird, Avis.....	Canyon City, Texas
Baird, Clyde.....	Canyon City, Texas
Baird, Eula.....	Waco, Texas
Baird, Lana.....	Waco, Texas
Baar, Annie.....	Waco, Texas
Barnard, Campbell.....	Dallas, Texas
Billingsly, Albert.....	Brownsville, Texas
Brown, Nannie.....	Stratford, Texas
Brown, Irene.....	Plainview, Texas
Brown, Earl.....	Snyder, Texas
Brown, Della.....	Garland, Texas
Brown, Stonewall.....	Hereford, Texas
Brous, G. P.	Thorp Spring, Texas
Brandt, Virginia Lee.....	St. Louis, Mo.
Bell, Lucile.....	Waco, Texas
Bedford, H. G.	Benjamin, Texas
Bird, Mabel.....	Waco, Texas
Bird, Erma.....	Waco, Texas
Bozeman, H. E.	Waco, Texas
Bryant, Albert.....	Whitewright, Texas
Bloor, Bertram.....	Manor, Texas
Brockman, Celia.....	Throckmorton, Texas
Brockman, Will.....	Throckmorton, Texas
Boone, Tommie.....	Haskell, Texas
Bivins, Miles.....	Amarillo, Texas
Bryan, Billie.....	Sherman, Texas
Britton, Jeffie.....	Waco, Texas
Brewer, Marie.....	Kosse, Texas
Bruce, Fred.....	Ladonia, Texas
Burney, F. E.	Riesel, Texas
Buck, Lewis.....	McKinney, Texas
Buckley, Bessie.....	Hickory, Miss.

Bushnell, D. F.	Waco, Texas
Bush, Fred	Allen, Texas
Bush, Edgar	Allen, Texas
Bussey, C. H.	Hutchins, Texas
Butler, Roy E.	Hamlin, Texas
Burford, Lena	Cookville, Texas
Buchanan, Ada	Throckmorton, Texas
Buhler, M. A.	Rowlett, Texas
Bean, Beulah	North Waco, Texas
Carr, N. C.	Plano, Texas
Carpenter, Ora	Ferris, Texas
Carson, Minnie	Pilot Point, Texas
Caspary, Courtney	Dallas, Texas
Couch, Bettie	Italy, Texas
Corbin, Florence	Waco, Texas
Coffee, Stella	Lamesa, Texas
Collins, B. F.	Dallas, Texas
Collins, Amber	Hereford, Texas
Cox, Mae Lynn	Bartlett, Texas
Cox, Verne	Ladonia, Texas
Cox, Alma	Waco, Texas
Cox, Eula	Waco, Texas
Cox, Henry	Waco, Texas
Conner, Cliff	Coleman, Texas
Chappell, Grace	Waco, Texas
Clark, Earl	Plano, Texas
Crawford, Lizella	Waco, Texas
Clapp, Tom	Midway, Texas
Cruzan, Albert	Waco, Texas
Cruzan, Mrs. Albert	Waco, Texas
Cunys, Floyd	Longview, Texas
Culpepper, Ada	Waco, Texas

Dabbs, H. B.	Taylor, Texas
Davis, Lewie D.	Dublin, Texas
Daniel, Milton	Waco, Texas
Dean, T. J., Jr.	Longview, Texas
Decker, Garnett	Texarkana, Texas
Dennis, Vollie	Rosebud, Texas
Dodd, Chester	Lufkin, Texas
Doss, Carl E.	Ringgold, Texas
Drucke, Louis	Dublin, Texas
Drucke, Oscar	Dublin, Texas
Duer, Mrs. L. A.	Waco, Texas
Edmonson, Silas	Claude, Texas
Edmonson, Robert	Claude, Texas
Elliott, Willia	Waco, Texas
Elliott, Edwin	Waco, Texas
Elliott, Edna	Waco, Texas
Elliott, Robert	Waco, Texas
Ellis, Norma	West, Texas
Egan, Rena	Palestine, Texas
Egan, Nellie	Palestine, Texas
Echols, Willie	Hermleigh, Texas
Eskridge, Leola	Waco, Texas
Ezell, Ina	Albany, Texas
Elliott, N. Anno	North Waco, Texas
Fain, Logan	Aledo, Texas
Faris, E. E.	Waco, Texas
Faris, Mrs. E. E.	Waco, Texas
Fairchild, Ralph	Waco, Texas
Fields, Charlie	Waco, Texas
Farmer, Jack	Colorado, Texas
Fields, Paul	Rochester, Texas

Florence, W. W.	Lone Oak, Texas
Foster, Ida	McKinney, Texas
Ford, H. R.	Waco, Texas
Foust, Kelcy	Cooper, Texas
Frizzell, Bonner	Athens, Texas
Frizzell, Frankie	Athens, Texas
Frizzell, Sam	Athens, Texas
Frizzell, J. B.	Athens, Texas
Fisher, Leslie	Elgin, Texas
Garrison, Hugh	Hollis, Oklahoma
Gibbons, Pearl	Hondo, Texas
Gibson, Kathleen	Waxahachie, Texas
Gough, Earl	Hereford, Texas
Gough, Leron B.	Hereford, Texas
Gorin, Hallie	Waco, Texas
Green, George	Santa Anna, Texas
Greene, Clois	Vernon, Texas
Greene, Chauncey	Vernon, Texas
Graves, Cullen	Dallas, Texas
Green, Mrs. Wm.	San Marcos, Texas
Haggard, Clint	Plano, Texas
Hackney, Clyde	Wortham, Texas
Hackney, Grace	Wortham, Texas
Hair, Mary	Belton, Texas
Hall, Clarence M.	Mandisonville, Ky.
Hall, Andy	Hope, New Mexico
Harp, Russell	Bates City, Mo.
Hart, Mrs. J. J.	Waco, Texas
Hart, Geo. S.	Brad, Texas
Hart, Arch	Brad, Texas
Hawn, Hattie	Athens, Texas

Heath, Mary	Artesia, New Mexico
Heath, Vera	Artesia, New Mexico
Hendricks, Sherwood	Midlothian, Texas
Herder, Geo.	Weimar, Texas
Higginbotham, Elizabeth	Ennis, Texas
Hinkle, Alpha	Clinton, Mo.
Hall, Brann	Waco, Texas
Hoge, Marguerite	Throckmorton, Texas
Holbert, Barney	Wellington, Texas
Holder, Madeline	Thorp Spring, Texas
Howeth, W. G.	Gainesville, Texas
Hudson, Gladys	King City, Mo.
Hudson, Sadie	Brady, Texas
Hunter, O. E.	Allen, Texas
Hunt, Pattie	Waco, Texas
Hulsey, Burrell	Ladonia, Texas
Hurst, Eunice	West Point, Miss.
Harrell, Mabel	North Waco, Texas
Jamison, Oliver	Woodward, Texas
Jackson, Kate	Weimar, Texas
Jackson, Una	Alpine, Texas
Jones, H. D.	Coleman, Texas
Johnson, Amelia	Ballinger, Texas
Johnston, Dr. L. S.	Atlanta, Texas
Johnston, Erford	Clovis, New Mexico
Jordan, Fred	San Bernardino, Cal.
Keeble, Leslie	Elgin, Texas
Kendrick, Phillip	Corinth, Miss.
Kelley, Ethel M.	Sabinal, Texas
Kerr, Blair	Corsicana, Texas
King, Mrs. J. C. J.	Waco, Texas
Kinnard, Zula	Dallas, Texas

Kinard, Avis.....	Beckville, Texas
Kinard, Ethel.....	Beckville, Texas
Kirkpatrick, Ollie.....	Chilton, Texas
Knight, Betty.....	Ballinger, Texas
Knight, H. G.	Ballinger, Texas
Knox, Mrs. Frankie.....	Burnet, Texas
Lamonica, Thomas.....	Arlington, Texas
Lavender, Grady.....	Lancaster, Texas
Leftwich, Jas.	Farwell, Texas
Lemmon, Winnie Vere.....	Trenton, Texas
Lemmon, Florence.....	Trenton, Texas
Litteral, May.....	Eddy, Texas
Lockhart, Naomi.....	Waco, Texas
London, Dean.....	Marietta, Oklahoma
Lewis, Ida.....	McKinney, Texas
Little, Add-Ran.....	Kennedale, Texas
Malone, Tennie.....	Brownwood, Texas
Massie, Will.....	Waco, Texas
Maloney, Bess.....	Alexander, Texas
Maloney, Lorraine.....	Alexander, Texas
Martin, Neta.....	Arlington, Texas
Matthews, Robert.....	Waco, Texas
Melton, C. E.	Allen, Texas
McCoy, Marvin.....	Texarkana, Texas
McCulloh, Jennie V.	Haskell, Texas
McCormick, Ralph	Corsicana, Texas
McCormick, Maymie.....	Corsicana, Texas
McFall, I. G.....	Beacon, Iowa
McFall, R. E.....	Breckenridge, Texas
McFarland, Jas. R.....	Ladonia, Texas
McGee, Hattie.....	Lubbock, Texas
McMorrough, Jessie.....	West, Texas

McMullen, R. H.....	Rockport, Texas
McNamara, Joe.....	Waco, Texas
McNamara, Mike.....	Waco, Texas
McNeill, Bess.....	Valley Mills, Texas
McNeill, Eula.....	Valley Mills, Texas
Minier, Justus.....	Waco, Texas
Minier, Julian.....	Waco, Texas
Minier, Rider.....	Waco, Texas
Millar, Oscar.....	Ballinger, Texas
Millar, Nelle.....	Ballinger, Texas
Miller, M. Knight.....	Waco, Texas
Montgomery, Vera	Waco, Texas
Moore, R. D.	Bruceville, Texas
Moore, Vena.....	Hamlin, Texas
Molhusen, Fred	Marshall, Texas
Morris, Mrs. Mattie.....	Brownwood, Texas
Morton, L. E.....	Jacksboro, Texas
Morrison, Jack	Waco, Texas
Moses, Clara.....	Burnet, Texas
Mills, Coke.....	Waco, Texas
Munn, Kathleen.....	Houston, Texas
Murray, Joe J.....	Sulphur Springs, Texas
Murphy, Lorena.....	Waco, Texas
Noblitt, Louie.....	Cookville, Texas
Obenchain, Mrs. Fred.....	Waco, Texas
Odell, Lela.....	Haskell, Texas
Odell, Earl.....	Haskell, Texas
Oldham, Grady	Canyon City, Texas
Parks, Ben W.....	Lancaster, Texas
Patton, John.....	Woodson, Texas
Payne, Ruth.....	Lampasas, Texas
Pendleton, Mary.....	Stratford, Texas

Perkins, Noah C.	Ottawa, Ill.
Pippin, Elvie	Waco, Texas
Poole, A. M.	Lockhart, Texas
Poynor, J. S.	Bartlett, Texas
Poynor, T. F.	Thorp Springs, Texas
Pyburn, John	Comfort, Tenn.
Pyburn, E. J.	Comfort, Tenn.
Pyburn, Jasper	Comfort, Tenn.
Pitkin, Mrs.	Waco, Texas
Randolph, Wm.	Austin, Texas
Randall, E. R.	Thornton, Texas
Rattan, W. V.	Cooper, Texas
Rash, Bess	Crowell, Texas
Reed, Cora	Rogers, Texas
Reeves, Clyde B.	Whitewright, Texas
Riter, Mary	Forney, Texas
Riter, Katharene	Forney, Texas
Riter, Auble	Forney, Texas
Rogers, Dan D.	Temple, Texas
Rogers, Lillian	Albany, Texas
Rogers, Earl	Milford, Texas
Robinson, R. M.	Gainesville, Texas
Robinson, W. B.	Gainesville, Texas
Rhone, Stella	Winnsboro, Texas
Roper, George	Rosebud, Texas
Roquemore, Anna Mae	Palestine, Texas
Rushing, Mrs. C. C.	Walnut Springs, Texas
Rushing, Willie Gay	Walnut Springs, Texas
Robertson, Lorena	Waco, Texas
Strange, Mary	Waco, Texas
Sales, Vera	Waco, Texas
Scott, E. U.	Granbury, Texas

Scott, Verda.....	Lancaster, Texas
Scott, Compton.....	Waco, Texas
Scales, Ruth.....	Waco, Texas
Schley, Carrie.....	Gatesville, Texas
Shelton, W. H.....	Waco, Texas
Sharpe, O. M.....	Lockhart, Texas
Shannon, Mabel.....	Hamilton, Texas
Shirley, Karl.....	Hereford, Texas
Shirley, Harriett.....	Hereford, Texas
Shepperd, A. P.....	Karnes City, Texas
Slay, Frank.....	Frost, Texas
Simms, Robert.....	Rockdale, Texas
Siefer, Ursula.....	Waco, Texas
Smartt, S. E. H.....	Troy, Texas
Smith, O. A.....	Waco, Texas
Smith, J. Wm.....	Waco, Texas
Smitham, Stella.....	Walnut Springs, Texas
Snelson, Ben E.....	Mt. Dora, New Mexico
Snider, A. H.....	McKinney, Texas
Slayton, Ed.....	Rosser, Texas
Sowell, Ernest.....	Elgin, Texas
Spearman, Winnie D.....	Greenville, Texas
Spence, Mary Bain.....	San Angelo, Texas
Spalding, Tom.....	Waxahachie, Texas
Spong, Nannie.....	Rockwall, Texas
Spurgin, Cordis.....	McKinney, Texas
Stanfield, Scott.....	Snyder, Texas
Stevens, A. C.....	Burnet, Texas
Stevenson, G. W.....	Cooper, Texas
Strange, Jamie.....	Waco, Texas
Stratton, Lucile.....	Waco, Texas
Stockard, Mertis.....	Melrose, New Mexico

Sturgeon, W. E.	De Kalb, Texas
Smith, Mrs. Pearl C.	Waco, Texas
Smith, Mrs. Pearl C.	Waco, Texas
Taylor, Emma	Waco, Texas
Thomas, Lonnie	Shreveport, La.
Thomas, Manly	Whitewright, Texas
Thompson, Helen	Del Rio, Texas
Thompson, W. H.	Rogers, Texas
Tilley, Paul	Teague, Texas
Tomlinson, Myrtle	Hillsboro, Texas
Tomlinson, Roy	Hillsboro, Texas
Tomlinson, D. E.	Hillsboro, Texas
Turner, John	Riesel, Texas
Tyson, Paul	Santa Anna, Texas
Tyson, Graham	Santa Anna, Texas
Twyman, H. G.	Ravena, Texas
Vick, Zylpha M.	Waco, Texas
Wade, B. B.	Elgin, Texas
Wade, Elisha	Elgin, Texas
Wallace, Mabel	Rockwall, Texas
Wakefield, Bert	Ponder, Texas
Wakefield, Ray	Ponder, Texas
Walker, Elisha Dean	Elm Mott, Texas
Watson, Bessie Ola	Milford, Texas
Watson, Ellie	Thorndale, Texas
Wason, Bessie M.	Thorndale, Texas
Webb, Sue	Mart, Texas
Webb, Ethel	Waco, Texas
Webb, Alma	Waco, Texas
Weaver, Morgan C.	Abilene, Texas
Weaver, Vesta	Cumby, Texas
Westhoff, Edw. F.	La Grange, Mo.

Westhoff, Leo E.....	La Grange, Mo.
Welch, John C.....	Celina, Texas
Wertz, Frieda.....	Waco, Texas
Wells, aBrton C.....	Bartlett, Texas
Whitton, Mrs. Stella C.....	Waco, Texas
White, J. L., Jr.....	McKinney, Texas
Wiley, Jas. J.....	Dallas, Texas
Wilson, Mary.....	Augusta, Texas
Wilkes, Lois.....	Hubbard City, Texas
Willson, W. B.....	Longview, Texas
Winans, Mildred B.....	Waco, Texas
Wilfong, Kathleen.....	Haskell, Texas
Wilmeth, L. C.....	Snyder, Texas
Wise, Oscar J.....	Richland Springs, Texas
Witt, W. P.....	Hutchins, Texas
Wood, John.....	Olney, Texas
Wood, Ollie.....	Woodson, Texas
Wortham, Ruth.....	Waco, Texas
Wolford, Lucile.....	Allen, Texas
Whitesides, Albert.....	Hollis, Oklahoma
Wright, Elmo.....	Childress, Texas
Wright, E. L.....	Barry, Texas
Wright, Loy C.....	Rosebud, Texas
Wright, Collie.....	Hamilton, Texas
Yates, Armon.....	Waxahachie, Texas
Zachary, G. H.....	Lorena, Texas

Add-Ran College of Arts and Sciences.....279

College of the Bible..... 50

College of Business—

 Bookkeeping..... 40

 Banking..... 7

MATRICULATES.

175

Shorthand	20
Typewriting	56
College of Fine Arts—	
Oratory	53
Voice	49
Violin	19
Art	31
Piano	84
Harmony	50
Band	14
Chorus	25
Choir	24
Organ	3
Interpretation	32
Musical History	23
Orchestra	17
Mandolin and Guitar Club.....	8
Total enrollment, omitting duplicate names.....	379

INDEX.

Affiliated Schools	141
Add-Ran College of Arts and Sciences.....	35-70
Athletics	28
Academy	127-133
Bulletins	21
Biology and Geology.....	67
College of Arts and Sciences.....	35-70
College of Fine Arts.....	86-109
College of the Bible.....	71-85
Church, The University.....	23
College of Business.....	110-126
Chemistry and Physics.....	64
Courses of Instruction.....	43-82
Correlated Schools	137
Concerning Expenses	41
Collegian, The	22
Discipline	26
Discounts	41
Education	134
Educational Atmosphere.....	27

English	50
Expense	135
Endowment	33
Entrance Examinations.....	36
Entrance Requirements.....	36
Equipment	14
Enrollment	20
Examinations	20
Endeavor Society	25
French	48
Girls Home	15
Greek	43
Graduate Work	42
German	46
Government	18
Gymnasium	16
History and Political Science.....	54
Health	28
Heating Plant	15
Horned Frog, The.....	23
Incorrigible Students	29
Latin	45
Location	13
Laboratories	16
Library	23
Mathematics	60
Main Building	14
Ministerial Association	25
Natatorium	16
Oratorical Association	21
Philosophy	57
Rooming Regulations	59
Rank of the University.....	33
Requirements for Entrance.....	36
Requirements for Graduation.....	39
Reading Room	23
Religious Opportunities	25
Spanish	49
Summer School.....	30
Summary of Advantages.....	31
Scholarships	21
Society Prizes	20
Skiff, The	22
Sunday School	24
Student Volunteer Band.....	24
Townsend Hall	15
Word to Parents	30
Water	28

PRINTED BY STUDENTS, AT THE

UNIVERSITY PRINT SHOP

1c H
2/10

VOL. VII., No. 3

MAY 1910

Texas
Christian University
Bulletin

CATALOGUE NUMBER
MAY 1910

PUBLISHED BI-MONTHLY

— BY —

TEXAS CHRISTIAN UNIVERSITY,
WACO (North Waco Station,) TEXAS.

RECEIVED
OF THE
UNIVERSITY OF TEXAS

Entered at the Postoffice at Waco (North Waco Station) Texas, as Second
Class Matter, Under act of Congress of July 16, 1894.



SUPPLEMENTARY ANNOUNCEMENT

SESSION OF 1910-1911

DATE OF OPENING, Wednesday, Sept. 14, 1910.

PLACE, Fort Worth, Texas.

LOCATION, One Block East of Court House.

BUILDINGS, New, Large, Remarkably Well Adapted.

ALL ROOMS. Newly Furnished, Never Before Used.

PIANOS, All Knabe, Just from the Factory.

ATHLETIC GROUNDS, Ample, Near University.

STUDENTS, Under Special Care of Teachers.

Catalogues will be sent free to anyone addressing

TEXAS CHRISTIAN UNIVERSITY

FORT WORTH, TEXAS

Special Notice

While the new buildings of the University are being constructed, the coming session will be held in two large, new buildings that will accommodate every department of the school. There are class rooms, music rooms, chapel, art rooms, library, business rooms, dining room, rooms for girls and a few rooms for boys. Near by are many other rooms available for business. It is a clean, healthful and respectable part of town, on high ground and in a good neighborhood. Street cars and interurban cars pass within half a block as they circle around the college house.

Rooms for Girls are handsomely furnished with elegant furniture, heated by natural gas and lighted by electricity. Every room has outside windows and ample ventilation. Most bathrooms are in various places on the same floor. A building will connect the building for girls with that for recitation so that they need not go down to the street in passing back and forth.

Athletic Grounds for boys and girls are close by, and well suited to their needs. They will facilitate training for every kind of athletic game.

Expenses are still kept more reasonable than in most colleges of this class, though advancing prices have forced a slight increase in board and rooms and certain tuition fees. See pp. 130-131.

Payments are required in advance for each of the three terms of the year, payable at the beginning of the term before students can be admitted to classes.

EXECUTIVE MEMBERS.

	Term Expires
DR. BACON SAUNDERS, Fort Worth, Texas	1911
R. L. COUCH, Dallas, Texas	1911
J. L. CASSELL, Fort Worth, Texas	1912
J. J. HART, Dallas, Texas	1912
WM. A. WILSON, Houston, Texas	1913
H. M. DURRETT, Fort Worth, Texas	1913
JAMES HARRISON, Fort Worth, Texas	1914
F. G. JONES, McKinney, Texas	1914

ADVISORY MEMBERS.

B. C. RHOME	Fort Worth, Texas
E. B. RANDALL	Fort Worth, Texas
J. M. VINCENT	Fort Worth, Texas
W. A. DARTER	Fort Worth, Texas
E. M. WAITES	Fort Worth, Texas
J. E. DINGER	Fort Worth, Texas
B. F. HALL	Fort Worth, Texas
LEROY SMITH	Fort Worth, Texas
MAJOR J. J. JARVIS	Fort Worth, Texas
GEN. K. M. VANZANDT	Fort Worth, Texas
J. F. SHELTON	Fort Worth, Texas
N. H. LASSITER	Fort Worth, Texas
H. L. EDGAR	Fort Worth, Texas
B. L. WOGGOMAN	Fort Worth, Texas
DR. R. L. GREEN	Fort Worth, Texas
C. I. DICKISON	Fort Worth, Texas
W. D. REYNOLDS	Fort Worth, Texas
H. W. STARK	Gainesville, Texas

NOTE: A new Charter provides for 21 Executive Trustees instead of 13; and accordingly, after the list on another page was printed, the above were elected. Two of these are alumni, one of whom was nominated by the Alumni Association, and the other also occupies a high place in educational circles. While the Advisory members are not counted in making a legal quorum, and do not vote in meetings of the Trustees, they have full privilege of making motions and discussing all questions that come before the Board. Their services are often very valuable and greatly appreciated.

OFFICERS AND STANDING COMMITTEES OF TRUSTEES

(Appointed after the late elections.)

T. E. TOMLINSON.....	President
C. W. GIBSON.....	Vice-President
COLBY D. HALL.....	Secretary

EXECUTIVE.

T. E. TOMLINSON, Chairman Ex-Officio.

G. A. FARIS

J. L. CASSELL

DR. BACON SAUNDERS

FINANCE.

V. Z. JARVIS, Chairman

S. M. HAMILTON

JAS. HARRISON

C. W. GIBSON

BUILDINGS AND GROUNDS.

C. W. GIBSON, Chairman

T. E. SHIRLEY

S. P. BUSH

G. W. COLE

AUDITING.

F. M. MILLER, Chairman

V. Z. JARVIS

WM. A. WILSON

ADVISORY.

J. J. HART, Chairman

H. M. DURRETT

F. G. JONES

T. W. MARSE

A CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

Texas Christian University

WACO, TEXAS

1909-1910

WITH

ANNOUNCEMENTS

FOR

1910-1911

Calendar

SESSION 1910-1911

FALL TERM, 1910

Fall Term Opens.....	Tuesday, September 13
Examinations.....	Tuesday, September 13
Enrollment and Classification.....	Tues. and Wed., September 13-14
Meeting of Trustees.....	Tues. and Wed., September 13-14
Convocation Sermon.....	Sunday, September 18
Y. W. and Y. M. C. A. Reception.....	Friday, September 30
Thanksgiving Holiday.....	Thursday, November 24
Art Reception.....	Thursday Afternoon, November 24
President's Reception.....	Thursday Evening, November 24
Add-Ran Literary Society.....	Monday, December 5
Fall Term Ends.....	Friday, December 23

WINTER TERM, 1911

Winter Term Opens.....	Tuesday, January 3
Walton Literary Society.....	Friday, January 27
Meeting of Trustees.....	Tuesday and Wednesday, February 7-8
Clark Literary Society.....	Tuesday, February 21
Washington's Birthday Holiday.....	Wednesday, February 22
Annual Oratorical Contest.....	Friday, March 10
Winter Term Ends.....	Saturday, March 25

SPRING TERM, 1911

Spring Term Opens.....	Tuesday, March 28
Recital by Fine Arts Faculty.....	Monday, April 3
Shirley Literary Society.....	Monday, April 10
Junior Fine Arts Recital.....	Monday, April 24
Joint Session of Literary Societies.....	Saturday, June 3
Baccalaureate Sermon.....	Sunday, June 4
Fine Arts Recitals.....	Monday and Tuesday, June 5-6
Choral Concert.....	Tuesday, June 6
Class Day Exercises.....	Wednesday, June 7
Art Reception.....	Wednesday Afternoon, June 7
Meeting of Trustees.....	Wednesday, June 7
Commencement Exercises.....	Thursday, June 8
Alumni Banquet.....	Thursday Afternoon, June 8

SUMMER TERM, 1911

Summer School Opens.....	Monday, June 1
--------------------------	----------------

BOARD OF TRUSTEES

EXECUTIVE BOARD

		Term Expires
T. E. TOMLINSON, Chairman.....	Hillsboro, Texas	1912
T. W. MARSE.....	Taylor, Texas	1912
VAN ZANDT JARVIS.....	Fort Worth, Texas	1912
T. E. SHIRLEY.....	Hereford, Texas	1913
G. A. FARIS.....	Dallas, Texas	1913
S. M. HAMILTON.....	Waco, Texas	1913
MORGAN WEAVER.....	Abilene, Texas	1913
F. M. MILLER.....	Waco, Texas	1914
GEORGE W. COLE, JR.....	Belton, Texas	1914
S. P. BUSH.....	Allen, Texas	1914
C. W. GIBSON.....	Waxahachie, Texas	1911
DR. H. W. GATES.....	Waco, Texas	1911
H. H. WATSON.....	Longview, Texas	1911

ADVISORY BOARD—TERM ONE YEAR

W. P. BEAUMONT.....	Waco, Texas
ED CASTLEMAN.....	Elk, Texas
A. C. EASLEY.....	Waco, Texas
L. GOUGH.....	Hereford, Texas
J. W. HOLSAPPLE.....	Hillsboro, Texas
DR. J. R. KNIGHT.....	Eddy, Texas
J. H. LOCKWOOD.....	Waco, Texas
J. C. MASON.....	Dallas, Texas
C. McPHERSON.....	Fort Worth, Texas
J. Z. MILLER.....	Belton, Texas
T. S. REED.....	Beaumont, Texas
G. F. STEARNS.....	Taylor, Texas
J. AUSTIN STRANGE.....	Waco, Texas

FACULTY

CLINTON LOCKHART, Ph. D., LL. D.,

President and Dean of the College of the Bible; Professor of Hebrew Language and Literature.

(A. B., Kentucky University, '86; A. M., *ibid.*, '88; Graduate in Classical Course, Bible College, Kentucky, '86; Graduate Student, Yale Divinity School, '87-'88; Ph. D., Yale University, '94; President Columbia College, Ky., '92-'93, '94-'95; President Christian University, Mo., '95-1900; Professor Biblical Literature, Drake University, 1900-'05; LL. D., Transylvania University, '08; President Texas Christian University, '06—).

JAMES F. ANDERSON, A. M.,

Business Manager and Professor of Biology and Geology.

(A. B., Bell College, '84; A. M., Add-Ran Christian University, '96; Graduate Student, Vanderbilt University, '85-'86; Founder of Grayson College, '86; Professor Mathematics, *ibid.*, '86-'94; Professor Natural Science, *ibid.*, '94-'04; Vice President and President, *ibid.*; Business Manager and Treasurer, and Professor of Biology and Geology, Texas Christian University, '04—).

WILLIAM B. PARKS, A. M., Ph. D.,

Professor of Chemistry and Physics.

(B. S., Add-Ran University, '86; A. M., *ibid.*, '92; Ph. D., *ibid.*, '94; Student Vanderbilt University, '84-'85; Graduate Student, *ibid.*, first term '86-'87; Harvard University Summer of '88; University of Virginia Summer of '90; University of Chicago Autumn and Winter Quarters, '02-'03; Summer Term, '08; Professor of Natural Sciences, Add-Ran Christian University, '87-'99; Professor of Natural Sciences, Randolph College, '00-'01; Professor Natural Sciences and Mathematics, College at Hereford, '03-'04; Professor in Texas Christian University, '04—).

JAMES B. ESKRIDGE, A. M., Ph. D.,

Professor of Latin.

(A. M., University of Chicago; Ph. D., Cumberland University; Associate Principal East Side Academy, Nashville, Tenn., '91-'94; President Bedford College, Tenn., '94-'96; Principal Springfield Collegiate Institute, Tenn., '96-'97; Professor of Latin and Mathematics in University School, Montgomery, Ala., '97-'98; Professor of Latin in Texas Christian University, '98.....).

FACULTY

ELLSWORTH EUGENE FARIS, A. M.,

Professor of Philosophy.

(S. B., Add-Ran University, '94; A. M., '07; Graduate Student, University of Chicago, '01-'02, and Spring and Summer Quarters, '06; Principal of Preparatory Department, Add-Ran University, '94-'95; Missionary to Congo Free State, '95-'04; Associate Editor Christian Courier, '04-'06; Professor of Philosophy in Texas Christian University, '06——).

EGBERT R. COCKRELL, A. M., LL. M.,

Professor of History and Political Science.

(A. B., Texas Christian University; A. M., Drake University. LL. B., Iowa College of Law; LL. M., Iowa College of Law; Graduate Student of University of Chicago, Summer Terms of '01-'02; Graduate Student of Columbia University for the school year of '03-'04, and Winter and Spring of '05; Attorney at Law, Bozeman, Mont., '98; Professor in Texas Christian University, '99-'03, '06——).

ORIE WILLIAM LONG, A. B.,

Professor of Modern Languages and Literatures.

On leave of absence for Session 1910-1911

(Student Millersburg Military Institute, '97-'00; A. B., Central University, Ky., '03; Graduate Student Harvard University, '03-'04; Graduate Student, University of Berlin, '06; University of Chicago, Summer Term, '08; Professor of Modern Languages, Corsicana High School, '04-'06; Professor of Modern Languages, Texas Christian University, '06——).

CHARLES I. ALEXANDER, A. B., B. S.,

Professor of Mathematics.

(A. B., Add-Ran Christian University, '01; B. S., University of Texas, '02; Graduate Student, University of Chicago, '02-'03; Professor of Mathematics, Jarvis College, '03-'05; Vice-Principal and Professor of Mathematics, Holitt's School, Menlo Park, Cal., '05-'06; Graduate Student, Stanford University, '05-'06; Professor of Mathematics, John Tarleton College, '06-'08; Professor of Mathematics, Texas Christian University, '08——).

OTIS BURGESS SEARS, M. A., Ph. D.,

Professor of English Language and Literature.

(B. A., Christian University; M. A. and Ph. D., University of Virginia; Student, Christian University, '86-'90; Graduate Student, University of Virginia; '99-'02; Fellow in Greek, University of Virginia, '06-'07; Hopkins Scholar in Greek and Latin, '07-'08; Hopkins Scholar in Political Science, '08-'09; Professor of English, State Female Normal School, Farmville, Va., '02-'06; Acting Professor of Greek, University of Virginia, '06-'07; Professor of Greek, Summer School of University of Virginia, '07; Professor of English, Texas Christian University, '09——).

TEXAS CHRISTIAN UNIVERSITY

G. A. LEWELLEN, Ph. D., LL. D.,

Professor of Greek and Church History.

(A. B., Kentucky University, '85; A. M., *ibid.*, '86; Ph. D., Add-Ran Christian University, '96; LL. D., *ibid.*, '97; Graduate Student, University of Chicago, '98; President West Tennessee Christian College, '89-'93; President Bellvue College, Tennessee, '93-'03; President West Kentucky College, '03-'09; Professor of Greek and Church History, Texas Christian University, '09—).

JOHN W. KINSEY, A. B.,

Professor of Education.

(A. B., Add-Ran Christian University, 1900; Graduate Business Department, *ibid.*, '95; Special Student in Education, University of Texas, Summers of '06 and '07; Principal of Commercial Department, Stephenville (John Tarleton) College, '94-'95; Several Years Principal and Superintendent of Public Schools; Professor of Education, Texas Christian University, '09—).

HARRY TRUMBULL SUTTON, A. B., B. S., B. O.,

Professor of Homiletics and Oratory.

(B. S., Valparaiso University, '88; A. B., Northwestern Christian College, '93; B. O., Drake University, '02; Graduate Student, University of Nebraska, '96-'97; Professor of Oratory, Cotner University, '95-'07; Professor of Oratory and English Literature, Southern Oregon State Normal, '07-'08; Professor of English, Eugene Bible University, '08-'09; Professional Reader of Biblical Literature, '09-'10; Professor Homiletics and Oratory, Texas Christian University, '10—).

W. T. HAMNER, A. B.,

Assistant Professor of English.

(A. B., Texas Christian University, '99; Graduate Student, University of Chicago, '03-'04; Superintendent of Public Schools, '85-'95; Assistant Professor in English, Texas Christian University, '98-'00, '02—).

Assistant Professor of Biology.

(To Be Supplied)

MATEO MOLINA, A. B.,

Assistant Professor of French and Spanish.

(English Courses in California Schools and in West Texas Military Academy; A. B., Valencia Institution, Spain; A. B., University of Valencia, '98-'99; Graduate Student, Argentina University, '99-'00; Assistant Professor of French and Spanish, Texas Christian University, '09—).

Assistant Teacher of German and French

(To Be Supplied)

FRANK ARTHUR JOHNSON,*Director of Conservatory of Music; Pianoforte.*

(Pupil of Herrmann Scholtz, Dresden; Pupil of Uso Seifert, Dresden; Pupil of Johannes Weidenbach, Leipzig; Royal Conservatory of Music, Leipzig).

HARALD R. TECHAU,*Pianoforte.*

(Pupil of Herrmann Scholtz, Dresden; Pupil of Eugene Krantz, Rudolph Rimmel and Herrmann Vetter of the Royal Conservatory of Music in Dresden; Pupil of Adolf Ruthardt, Paul Quasdorf, S. Jadassohn, Robert Teichmueller, and Carl Wendling of the Royal Conservatory of Music in Leipzig).

SAMUEL S. LOSH,*Pianoforte, Pipe Organ and Voice Culture.*

(Pupil of Philip Baer, late of Covent Garden Grand Opera, London; Pupil of Almen G. Vincent of Leipzig; Pupil of Fritz von Bose of the Royal Conservatory of Music in Leipzig; Pupil of M. D. Ewald and A. B. Perluse, Leipzig).

FRANK W. CUPRIEN,*Voice Culture.*

(Royal Conservatory of Music, Leipzig; Pupil of Aug. Boehme-Koehler, Leipzig; Pupil of Regisseur Goldberg, Leipzig Opera; Pupil of Herrmann Proft, Leipzig).

AUGUSTUS C. ROTHE,*Violin and Theory of Music.*

(Royal Conservatory of Music, Leipzig; Private Pupil of Hans Becker, Leipzig).

CLYDE BATSELL REEVES, A. B., B. O.,*Principal School of Oratory.*

(B. A. and B. O., Grayson College, Texas, 1900; Graduate Student, Emerson College of Oratory, Boston, 1900-'01; Student, Harvard University under Dr. Sargent, '01; Student under Leland T. Powers, '02; Student, New England Conservatory, '03; Student, University of Chicago, Summer '05 and '07; Principal School of Oratory, Grayson College, '01-'07; Principal School of Oratory, Texas Christian University, '07—).

TEXAS CHRISTIAN UNIVERSITY

DURA BROKAW-COCKRELL, A. B.,*Principal of School of Painting and Drawing.*

(A. B., Drake University, '96; Graduate, Drake School of Art, '96; Principal of School of Art, Texas Christian University, '99-'03; Graduate Student, Chicago Art Institute, Summer Terms of '01 and '02; Graduate Student, International Academy of Design, New York Art School and the Art Students' League, '03-'04-'05; Principal of School of Art of Texas Christian University, '06——).

KATE N. JACKSON,*Instructor in Drawing.*

(Graduate, Texas Christian University School of Art, '07; Instructor in same, '07——).

J. A. DACUS, M. Acc'ts,*Principal of College of Business.*

(Student of the University of Arkansas, '93-'94; Graduate Student Draughon's Business College, Nashville, '95; Instructor in Draughon's Business College, Nashville, '95; Principal of Commercial Department, Martin Institute, Jefferson, Georgia, '95-'96; Principal Shorthand Department, Draughon's Business College, Texarkana, '96; Proprietor Pottsville Business College, Pottsville, Pennsylvania, '97-'99; Organizer of McKinney Business College, McKinney, Texas, 1900; Proprietor of Dacus' Business College, Dallas, Texas, '03-'05; Principal of the College of Business, Texas Christian University, '05-'07; Principal of the College of Business, Texas Christian University, '10——).

R. B. WHITTON, L. B., LL. B.,*Assistant in College of Business.*

(M. Accts., Mahan's Commercial College; L. B., Add-Ran Christian University; LL. B., University of Texas; Principal Commercial Department, Add-Ran College, '84-'86; Attorney at Law, '87-'99; County Attorney and County Judge, one term each; Teacher in the public schools, '00-'10; Assistant in College of Business, Texas Christian University, '10——).

Principle of Academy

(To Be Supplied)

MRS. JOHN W. KINSEY,*Instructor in the Academy.*

(Student Three Years in Add-Ran Christian University; Student in Several Summer Normals; Teacher Several Years in Public Schools of Texas; Instructor in the Academy of Texas Christian University, '09——).

Other Officers of the Institution

JAMES F. ANDERSON,

General Business Manager and Treasurer.

CHALMERS McPHERSON,

Endowment Secretary.

ELLSWORTH E. FARIS,

Secretary of the Faculty.

MISS NELL ANDREW,

Librarian.

MISS TYLER WILKINSON,

Lady Principal.

MISS VADA CHAPPELL,

Assistant Lady Principal.

Superintendent Piano Practice.

MISS M. KNIGHT MILLER,

Registrar.

R. E. ABERNATHY,

Assistant Registrar.

C. M. HALL,

Secretary to the President.

Standing Committees of the Faculty

CLASSIFICATION AND ADVANCED STANDING

W. B. Parks, Chairman

E. E. Faris

W. T. Hamner

BULLETIN

J. F. Anderson, Chairman

C. McPherson

Colby D. Hall

DISCIPLINE

G. A. Lewellen, Chairman

C. I. Alexander

E. R. Cockrell

LIBRARY

E. E. Faris, Chairman

J. B. Eskridge

Clyde B. Reeves

AFFILIATED SCHOOLS

Colby D. Hall, Chairman

W. B. Parks

C. I. Alexander

CHAPEL SERVICE

E. R. Cockrell, Chairman

C. D. Hall

W. T. Hamner

CURRICULUM AND SCHEDULE

J. B. Eskridge, Chairman

E. R. Cockrell

O. B. Sears

ATHLETICS

C. I. Alexander, Chairman

Paul Tyson

Texas Christian University

A BRIEF HISTORY OF THE UNIVERSITY

In 1869 J. A. Clark, with his sons, Addison and Randolph, opened a private school at Fort Worth, Texas, and conducted the school four years. While this was a predecessor of the present University, it is not considered by its founders as forming a part of the history of the later institution.

In 1873 the same men established another private school at Thorp's Spring, Texas. The new institution was, almost immediately afterward, chartered under the name of Add-Ran College. The character and ability of these teachers, together with the solid worth of the instruction and general advantages offered, attracted an appreciative and increasing patronage. To meet its demands, the modest plans of the beginning were enlarged and more ample buildings were erected; of right, the enterprise flourished.

In 1889 Add-Ran College became the property of the Christian Churches of Texas, the name being changed to Add-Ran Christian University. It continued, however, under the immediate direction of the Clark brothers, maintaining its reputation for scholarly instruction and for wholesome, moral and religious influence, and proving itself to be, even more than before, an institution for which men and women counted it a glory to live lives of devoted self-sacrifice.

In 1895 it was determined to remove the University from Thorp's Spring to a more advantageous location, where the life of some city might enlarge the opportunities for culture afforded to the student, and from which the institution might more effectively reach the State at large. Waco was favorably considered. An educational movement on the part of the Methodist

Church had established Waco Female College. Financial conditions not being such as to warrant continuance of the enterprise, the property was transferred to the Christian Church, and so came to serve as a foundation for the splendid superstructure of the present. On Christmas day, 1895, the change of location was formally made.

For a time after its removal, the growth of the University was retarded by such losses and adversities as of necessity attend all transplanting. But with steadfast faith a few heroic souls, chief among whom should be mentioned Thornton E. Shirley, carried forward the work of establishing the institution amid its new surroundings. Their faith and their labors were not unrewarded. Slowly, indeed, but nevertheless surely, the old life, becoming adjusted to the new environment, pulsed with greater and ever greater vigor, until it is now abundantly manifest that the spirit that gave "Old Add-Ran" its splendid integrity of character is dominating the activities of the institution as it advances to possess its larger heritage.

The name "Texas Christian University" was adopted in 1902 to suit the enlarged purposes and work of the school, while the name of "Add-Ran" with its multitude of historic associations was retained as the designation of the College of Arts and Sciences, the central college of the University.

The burning of the Main Building, March 22, 1910, together with a liberal offer of money and site by the citizens of Fort Worth, afford an opportunity to remove the University to a city larger and nearer to the center of patronage.

In going to Fort Worth, one of the most rapidly growing cities of Texas, Texas Christian University has the advantage of contact with one of the largest, most substantial and most prosperous centers of trade and thought in the whole Southwest. This city is well-built, well-paved and thoroughly up-to-date. As a railroad center of note, it is easily accessible from all quar-

ters. It is well drained, has an abundant supply of the best artesian water; and statistics show that it is one of the most healthful cities in the Union. Before all things else, perhaps, it is a good residence city. Beautiful homes and well-kept lawns and streets testify to the character and taste of its citizens. Its public educational facilities are excellent; in addition it has many private schools and several institutions of higher learning. Without doubt, it is the greatest educational center in the State.

The University is situated on a beautifully elevated place in one of the southern suburbs, about two and a half miles from the Central Station. It is, thus, so removed from the smoke and bustle of the city as to have all the healthfulness and freedom of the country; yet through its connection by electric car line with the down-town district it is a matter of only a few minutes ride to reach the business center of the city. The campus comprises some fifty acres of level land, all of which is to be plotted and adorned by a landscape artist. The buildings are to be tastefully disposed and constructed according to a suitable and uniform style of architecture. The elevation will afford a commanding view of the city beneath and large vistas of the surrounding country.

Thus fortunately situated, Texas Christian University may offer the advantages of both country and city life, the disadvantages of both being eliminated. It is a location that cannot be surpassed.

MATERIAL EQUIPMENT

MAIN BUILDING

The main building of the University is to be a solid brick, commodious and comfortable, three stories high, with rooms ample for recitation, library, laboratories, offices, chapel, society

halls, and, in the basement, a gymnasium and natatorium for boys.

GIRLS' HOME

"The Girls' Home," a handsome three-story brick structure, with gymnasium and swimming pool is to be completed by the opening of the Fall Term. Besides presenting a most pleasing architectural effect, outwardly, it is to be a model of beauty and comfort within; in point of elegance and convenience it is probably not surpassed by any similar building in the State. Each room is designed for two occupants, is to be well ventilated, steamheated and electric-lighted. The parlor and reception rooms are very attractively furnished. In every way the building is to be comfortable.

BOYS' HOME

A three-story brick building, very similar in many respects to the Girls' Home, is to be erected at once for boys. It is to have equal conveniences and equipment with the other building. It will probably accommodate a hundred students. A second building of similar character is quickly to follow.

TOWNSEND HALL

Townsend Memorial Hall, erected some years ago at Waco, was a monument to the generosity of Mrs. Ed Townsend, of Midland, Texas. It was built in memory of her deceased husband, who was active in every good cause, and whose works do follow him. It is to be duplicated at Fort Worth with enlargement and many improvements. The memorial inscription is to be removed from the old building and set in the wall of the new. The first floor is devoted to the culinary department. A large, beautiful dining hall furnishes splendid accommodations for students. The second and third floors are to be occupied by the College of Music.

HEATING PLANT

The University owns and operates its own heating and lighting plant. From one set of boilers steam is conducted to all the University buildings, and every room throughout is thus heated by steam. In connection with the boilers of the heating plant, a dynamo is operated, by means of which all the buildings on the campus have electric light service.

GYMNASIUMS AND NATATORIUMS

A commodious and thoroughly equipped gymnasium for girls will be placed in the basement of the Girls' Home, convenient for their use at any time. It will be properly heated, lighted and ventilated. In some convenient place will be a swimming-pool ample in size and in every way duly safeguarded. Similar gymnasium and natatorium will be constructed for boys in other buildings. The use of the gymnasium and natatoriums will be under the direction of competent physical directors and proper regulations for safety and protection will be rigidly enforced.

LABORATORIES

The laboratory facilities of the University afford opportunity for individual experiment and investigation in the fields of Chemistry, Physics and Biology. The aim is to give the student such a first-hand acquaintance with the facts in connection with the subject of study that he may be led to a direct comprehension and immediate knowledge of the laws of nature involved. In each of the laboratories provision is made for carrying out in full the courses outlined for its respective department. The advanced courses in Physics are concerned chiefly with matters of quantitative measurement. The biological laboratory, in addition to the apparatus necessary for satisfactory handling of fresh material—much of it may be collected in the immediate vicinity—has in alcoholic preservation a collection of specimens se-

lected with reference to a comprehensive study of the differences as well as the resemblances of many forms of life, from the study of which the student may obtain an intelligent view of the important subject of classification.

CHARACTER AND EDUCATIONAL PURPOSE

Texas Christian University, owned and controlled by the Churches of Christ in Texas, is the State School of the Disciples of Christ. Its purpose is education in the most complete sense, an education that shall mean the development of the religious and social nature of the student as well as the cultivation of his intellectual, emotional and physical powers. It is a truth established by the experience of the educational world that the most satisfactory results are obtained in schools permeated by a healthy religious atmosphere. It is in such a school that the whole nature of the student may be systematically developed, his powers most effectively quickened and stimulated to action so that he, after school days are over, may most completely and most worthily discharge his duties to society at large.

Such conditions for shaping and inspiring the lives of young people, the Trustees have endeavored to make in Texas Christian University. Having insured amplest accommodations for physical comfort amid surroundings most conducive to intellectual and spiritual growth, they have delegated to the faculty—a body of men and women chosen as representing the best intellectual and spiritual tendencies of the age—the task of so permeating the entire institution with intellectual, ethical and religious life that the student-body may receive power and inspiration for the realization of the highest ideals.

It is not to be taken that such emphasis on the ethical and religious means a weakening of the tone and quality of classroom work. The University may fulfill her mission only as the highest standards are maintained in all the activities regularly

associated with the University idea; it is hoped and expected that *in addition* to what is usual in schools of higher grade, the most beneficent moral and religious influences may be made to tell strongly on the young people in attendance during the critical, formative period of life.

Besides its opportunities for culture and growth, the University offers also courses of training for various activities and occupations, but especially does it emphasize the matter of preparation for all lines of distinctly Christian work; most of all, among those courses of special training, does it call attention to its provision for fitting young men for the Christian ministry; in this field the managing Board can be content with nothing less than the best.

GOVERNMENT AND ORGANIZATION

When Add-Ran University became the property of the Christian Churches in Texas, delegates from the associated churches assembled in convention, elected a Board of Trustees each to hold office four years, that should in the name of the church control the affairs of the institution. This Board was made self-perpetuating, the term of office for part of the membership expiring each year, the remaining members filling the vacancies by election, provision being thus made for a change of the personnel of the whole Board every four years. The functions of the Trustees were, and are, to provide what in their judgment may be necessary for the effective working of the school, to meet, in as far as financial conditions may warrant, the demands of its growth and enlargement, and to govern either mediately or immediately the institution committed to its charge. Associating with the regular Board, and sharing more or less in its responsibilities, is an Advisory Board of seventeen members, elected or re-elected annually by the Executive Board.

The immediate government of the internal affairs of the

University the Trustees have delegated to a President and Faculty, whose functions and powers are such as usually appertain to Presidents and Faculties in similar institutions. The Trustees, however, reserve to themselves the supreme authority in all things.

In the organization of the University the same principles have been observed as obtained in the organization of the institution at the beginning. Texas Christian University is an association of schools and colleges under one management, directed to one common purpose. To a certain extent they are independent of one another; each has a distinct function, yet all partake of, and contribute to, the life and work of the University. At present there are organized the following colleges and schools; for the particulars concerning each of which see individual section of the Catalogue:

Add-Ran College of Arts and Sciences.

College of the Bible.

College of Business.

College of Fine Arts (including)

School of Music.

School of Art.

School of Oratory.

Academy.

Hereford College, Hereford, Texas.

Midland College, Midland, Texas.

NOTE.—For the sake of convenience and efficiency in administration, the two last named colleges have each more of an independent government than have the others, but nevertheless, each is correlated with the University.

General Information

EXAMINATIONS

Examinations are held during the closing days of each term. The grades made in connection with the class standing of the student determine whether or not he passes, an average of 75 per cent being required. In case a student fails to pass, upon request, a second examination may be given after a stated time, if, in the judgment of the teacher, any peculiar circumstances constitute good ground for such request. Besides these regular examinations such others, oral or written, as are necessary for purposes of classification will be given to students. All students are required to take the regular examinations.

ENROLLMENT

Although large liberty is allowed to students in the selection of studies, yet the enrollment committee must pass upon the studies selected before the student enters classes. When once the student has enrolled in any class he is not permitted to drop out without the consent of the President and the professor in charge.

Fifteen recitation hours per week give the average student sufficient work. Not more than eighteen nor less than fourteen hours can be taken without the consent of the enrollment committee and then only on condition that the additional hours be dropped in case the work is not satisfactory to the professors.

Students taking work in the special colleges and schools will be required to regulate the amount of their literary work by the amount of special work given.

SOCIETY PRIZES

1. *The T. E. Shirley Prize.* The president of the Board of Directors offers annually a \$20.00 gold medal to the student in the Shirley Society making the best grade in scholarship and general work.

2. *The J. T. McKissick Prize.* Mr. McKissick offers ten dollars to the best worker in the Add-Ran Literary Society.

3. *Van Zandt Jarvis Prize.* Ten-dollar gold medal to the best worker in Walton Literary Society.

ORATORICAL ASSOCIATION

The purpose of this association is to promote oratory in its best sense among its members, and, as far as may be, throughout the school. All oratorical contests are under its supervision, and it elects delegates to the State Oratorical Association, of which it is a member.

SCHOLARSHIPS

One free literary scholarship is awarded to the student making the highest record in the Senior Academy class, and each class of the College of Arts and Sciences. In making this award, proper account is taken of the student's general bearing and conduct.

THE JOHN W. MARSHALL SCHOLARSHIP

Is awarded annually to the student in the Bible College who makes the highest average.

HIGH SCHOOL SCHOLARSHIP

A free literary scholarship is given to the honor graduate of any High School that is affiliated with the University of Texas.

UNIVERSITY PUBLICATIONS

THE BULLETIN

This bi-monthly periodical is the official medium of communi-

education between the school and its friends. The May number is the annual Catalogue. The other numbers contain announcements; past and future happenings of interest to the patrons; news of faculty changes, of the work of the churches for the school, the progress of Education Day, plans, improvements, etc. It is well filled with facts that the people ought to know and told in a style readable and interesting.

The Bulletin will be mailed regularly to every friend who will indicate a desire for it. The University desires to keep its friends informed.

Besides *The Bulletin* and other matter issued by the University authorities, three periodicals reflecting the inner life and various activities of the school are published by the students: Namely, *The Collegian*, *The Skiff* and *The Horned Frog*.

THE COLLEGIAN

A conservative journal, representing the best sentiment of the University; edited, published and managed by students in school. This publication is a neat, sane, monthly issue, the pages of which are filled with matter that is readable, wholesome, and of value as an evidence of the work done in the matter of correct composition.

The journal is for the student, and every student who has something to say finds it an excellent medium of expressing himself.

The paper, growing in favor, is finding a larger circle of readers every year, and is doing its part in shaping the thought and sentiments of the student body.

Students, patrons and others wishing to keep in touch with the University would do well to read this magazine.

THE SKIFF

A weekly publication, popular in character, giving the news

of the institution. The paper is growing in favor, and has one of the largest subscription lists among college papers in the State of Texas.

THE HORNED FROG

This is the College "Annual," and comes from the press near the close of the session. It is a neat book of some two hundred pages, reflecting all sides of college life from its more serious phases to its jokes and pranks which grow out of warm friendships and good-will. It is the one publication which the student feels he must take home with him. It will serve as the best exhibit he can make to his friends of the inner life of the school, and in years to come it will revive the pleasantest memories of his college experiences.

LIBRARY AND READING ROOM

A large room—24x36 feet on the ground floor of one wing of the Main Building will be used as a library and reading room. It will be admirably suited to this purpose, being well lighted and ventilated. Already since the fire a large number of books and magazines have been collected, and other additions will be rapidly secured. The Library Association is planning to purchase at once the leading new books for each department. Though for a time the Library be not large, it will be at least up to date. This will greatly enhance its value and usefulness as a college working library.

Students in the more advanced classes are sent to the Library to consult reference books and do collateral reading. The Dewey system of cataloging is used, which renders it the more serviceable. The leading periodicals are kept on file, giving the student opportunity to inform himself of current events. The Library is freely used by an increasingly large number of students. It is open from 8:30 a. m. to 5 p. m., and is in charge of a professional librarian.

RELIGIOUS ORGANIZATIONS

UNIVERSITY CHURCH

As at Waco, there will be a University Church for the benefit of teachers, students and neighbors of the University. It will have preaching twice every Lord's Day by its regular pastor, Colby D. Hall. It will encourage every Christian activity.

SUNDAY SCHOOL

It is intended that greater effort than ever shall be put forth to make this a model Sunday School. Most of the classes are taught by members of the Faculty, men and women who are well equipped for the work. All members of the University are expected to become members of the school.

STUDENT'S VOLUNTEER BAND

This band is composed of young men and women who are preparing for work in the foreign fields. They have expressed a willingness to go wherever the Foreign Boards may deem it best to send them. They meet weekly for the purposes of devotion, for intelligent study of the mission fields and for increasing missionary interest.

Y. M. C. A.

Since its organization at Texas Christian University the Y. M. C. A. has been an important factor in college life. It has taken a firm hold on religious affairs, and has been helpful in every Christian work and in deepening spirituality among the students. The work of the Y. M. C. A. is undenominational. Its object is to promote spiritual growth, fellowship and strenuous Christian living among the men.

The Association meets once a week for devotional purposes and to consider questions of practical work among the students.

Y. W. C. A.

This organization fills a place among the young women sim-

ilar to that of the Y. M. C. A. among the men. During the past year it has been especially active and has accomplished much good.

THE ENDEAVOR SOCIETY

This society is organized after the pattern well known everywhere. It has a large membership and is doing an excellent work.

THE MINISTERIAL ASSOCIATION

The Ministerial Association is an organization composed of students preparing for the ministry. It meets every Friday evening. Discussions of themes related to practical church work, sermons, etc., are held at these meetings. Occasional addresses are given by visitors. In this organization the more mature ministers assist the younger ones in obtaining work among the churches, and render all possible help in various other matters.

RELIGIOUS OPPURTUNITIES

All the principal religious denominations have flourishing churches in Fort Worth, and students are free to attend the churches of their choice. Opportunities for moral and religious instruction are unsurpassed.

All students are expected to attend public worship on the Lord's Day, and they are required to attend the daily religious exercises in the University Chapel. They are also urged to attend the students' prayer meetings that are held each week, and the lectures and talks of a religious character that are held from time to time.

LECTURE COURSES

Various courses of lectures, recitals by musical and literary organizations and instructive meetings held by the churches in Fort Worth will all be an educational advantage to the student.

MORALS AND DISCIPLINE

It sometimes happens that students, away from home for the

first time and free from parental authority and the restraining influence of home life, retrograde morally. Usually, we may add, the tendencies under changed conditions depend largely upon stability of character as established by home training. The Faculty of Texas Christian University is pledged to make the morals of students a matter of prime concern.

Certain guiding principles are observed in administering the discipline of the school. These are held as fundamental and necessary in maintaining strong, consistent discipline. On the one hand, we recognize that right motive is the chief element in conduct, that self-discipline is the best discipline, that the subtler influences of a healthful atmosphere and of a correct school sentiment must constitute the chief reliance for good government. On the other hand, there is a place for the strong arm of authority, and it will be exercised promptly and without apology when occasion demands.

The discipline proceeds upon the assumption that the students are gentlemen and ladies who are actuated by high motives and lofty ideals. They are not treated as children, but rather as young men and women who are responsible in large measure for their own conduct. They are not burdened with many rules, but each one is expected to be a law unto himself, because he has arrived at the age when he is governed on the high ground of principle. A few regulations are intended chiefly as reminders of matters of propriety that grow out of the community life as a University that might be otherwise overlooked, even by well-meaning students.

Every effort is put forth to make the students' surroundings ideal by fostering the best influences. They are carefully guarded against the allurements of the city. Younger students will not be allowed to visit the city without permission, which will be withheld unless a good reason is offered.

NO CASTE

The spirit of the school is thoroughly democratic. No secret societies are allowed. Hazing is positively forbidden. Character and conduct, not clothes and money, determine the students' standing. Those working their way stand as well as any if they are in other respects deserving. The students who are earning their way by doing janitor or dining-room service are usually among the best students.

EDUCATIONAL ATMOSPHERE

Fort Worth takes just pride in her educational institutions, and is in thorough sympathy with them all. Besides her excellent system of public schools, she boasts of several colleges and universities which draw a large patronage from all parts of the country. The students are orderly and well behaved and the most cordial relations exist between students and citizens. A love for learning is fostered and a pronounced educational tone is imparted to the city. Local and state contests in oratory and athletics intensify college spirit. They serve as a tonic and stimulus to highest endeavor. The educational atmosphere is invigorating, and the city offers a most congenial home for institutions of higher learning.

HEALTH AND MEDICAL ATTENTION

Statistics show that Fort Worth is one of the most healthful cities in the country, and the University grounds being considerably above the level of the business section of the city, is one of the most healthful portions of the city. Sanitary conditions are perfect. A first class system of sewerage has been guaranteed, and nothing has been left undone to preserve the health of the students. Hot and cold artesian baths are offered free. The best possible medical attention is available to the students, and parents sending their children to Texas Christian University may feel that no pains will be spared to guard their health.

WATER

The water supply of Fort Worth is widely known as abundant and wholesome. Hardly any other city in the Southwest can afford better water. The city and county authorities have given assurances that a good supply will be brought to the University.

ATHLETICS

Believing that physical exercise is essential to mental development and that healthful sports tend to increase college loyalty, the University at all times encourages the student to participate in college sports and exercises for the purpose of fostering his physical man. The young women have daily exercise. The young men have organized an athletic association.

The athletic association has done much to develop an enthusiastic interest in athletic sports. Under its direction tennis clubs are organized with several courts. Football and baseball teams are organized and trained. For several seasons the baseball team has held the state college championship.

The following rules governing the intercollegiate games will be strictly enforced:

1. Students must maintain satisfactory standing in their classes, must have entered by the dates set by the State Association, must not have played on a college team as many as four years and must be carrying as many as twelve hours a week in literary work, in order to hold a position on any University team.
2. The games away from Fort Worth are limited to three trips in the fall term and three in the spring term.
3. A professor chosen by the Faculty must in all cases accompany the teams when they go away to play.
4. A student must maintain gentlemanly speech and conduct on the home grounds and abroad, and must play honorably and fairly, or, otherwise, lose his place in the team.

ROOMING IN THE COLLEGE BUILDINGS

All students, male and female, are required to room and board in the college buildings except by special consent. Students will not be received who board or room in private homes without the consent of the President. Although frequent changing of rooms is discouraged, the Faculty reserves the right to make such changes at any time as may be deemed best.

INCORRIGIBLE STUDENTS

Sometimes parents have failed to govern their children at home and send them away to school in the hope that under rigid discipline and careful oversight of teachers, the failures of home training will be corrected. This institution does not want boys or girls who are sent away from home to be reformed. It is more probable that one such student will corrupt a dozen others well disposed than that he himself will be reformed, and at the same time he will require more of the time and energy of the Faculty in the matter of discipline than a score of others. The student who is here for instruction and training has first claim upon the Faculty. It is due him that he be protected against the disturbing and corrupting influences of immoral students. To do an irreparable damage to many students, for the sake of the good that might possibly be done to a few incorrigibles, is reprehensible. Therefore, students of known vicious tendencies and corrupting influence will not be retained in school.

A WORD TO PARENTS

Often parents, at the solicitation of their children, make requests that are very detrimental to the student's progress and standing. Requests to make frequent visits home or to friends in near-by towns should not be granted. Regularity of attendance is of prime importance. No student who is habitually absent from his classes can keep interest in his studies. Retro-

gression ending in disaster frequently dates from a few days of absence from classes. Discouragement and loss of interest are followed by a decision to quit school. Further, it is a very grave mistake to suppose that it is not of much importance to be present at the beginning of a new term. The student who enters a class after two or three recitations is as a stranger in a strange land, and is sure to be more or less discouraged. It is also essential that he remain to the last day of the term. Examinations are held the last week of each term, and the student must remain and finish his work or forfeit his claim to credits.

SUMMER SCHOOL

The Summer School of the University, which meets each year in June and July, offers many academic, collegiate and special branches of study. For particulars, see other numbers of the Bulletin issued during the year. Progressive teachers, ministers and students find opportunities in the Summer School for taking advanced work. College credits are given for satisfactory work.

SUMMARY OF ADVANTAGES OFFERED BY TEXAS CHRISTIAN UNIVERSITY

1. The location is most desirable. Fort Worth is situated very conveniently for a large population of the State. It is an important railroad center, and hence is accessible from every direction. The University grounds are much above the level of the city and the view is commanding and inspiring.

2. The combination of limited and free electives makes possible the selection of a course of study specially adapted to the individual student. Certain limitations, together with the advice of a committee of the Faculty forestall any aimless dissipation in work.

3. A well organized Academy, perfectly articulated with the

College courses, accommodates students whose home advantages in high school work are unsatisfactory.

4. A Bible College primarily for the training of young men for the ministry is open to all for such work as may be desired, a certain amount being required of all students.

5. The Colleges of Fine Arts and Business maintain high standards of excellence.

6. Training in oratory and dramatic art is given under the direction of gifted and experienced teachers.

7. Several well equipped literary societies and clubs afford ample opportunity for drill in oratory, debate, parliamentary law, and other forms of literary work.

8. The Library privileges are being liberally provided, and will be still further improved from year to year. A good working library and reading-room supplied with the leading periodicals are at the service of the student for a very small library fee.

9. Students have the advantage of valuable courses of lectures given at the University and in the lecture courses of the city. The Ministerial Institute convenes annually and offers to T. C. U. students all the advantages of a full course of lectures.

10. The buildings will be new and commodious; the recitation rooms will be large, airy and well equipped; and the dormitory accommodations rarely excelled.

11. The buildings will be lighted by electricity, heated by steam and supplied with pure artesian water.

12. The young ladies will be under the immediate care of a competent lady principal, assisted by several lady teachers who room in the building.

13. A boarding hall under the direction of a competent manager offers good board at a very moderate cost.

14. The moral and religious tone of the school is of a high order. The University church, the daily chapel exercises and

the student religious organizations provide for the moral and spiritual well-being of the students in an effective way.

15. The personnel of the student body is a matter of just pride. The majority of the students are young men and women of high ideals and lofty purposes. They are in school because they desire an education. Their spirit during the recent misfortunes of the University has elicited wide admiration.

16. Considering advantages offered, the expenses are exceedingly small. To be convinced of this, compare the rates with those of any school of equal rank in the country.

Young people who wish to be associated with a splendid company of students in the midst of desirable surroundings and under a strong body of competent instructors will find these at Texas Christian University.

RANK OF THE UNIVERSITY AMONG EDUCATIONAL INSTITUTIONS

The State Department of Education has ranked this institution a "University of the first class," a distinction accorded to only a few educational institutions in this State. Its A. B. diploma, with a prescribed course in the Department of Education, entitles the holder to a "Permanent State Certificate." Its degrees are recognized by the larger eastern universities, and its graduates entering them receive full credit for work done here.

ENDOWMENT

Chalmers McPherson, so long known in Texas, is continued by the Board of Trustees as Endowment Secretary. He will give his entire time to this work. Much has already been done in this direction, but it is a mere beginning of what will be done. The Board of Trustees are practicing the most rigid economy compatible with efficient work; still they are greatly hampered by lack of money. The possibility of permanently doing real college work without endowment is no longer enter-

tained by those who are conversant with the necessities of a modern college in the matter of men and equipment. If the question of endowment is not pressed in the immediate future it must not be understood that its necessity is not recognized. It will follow immediately upon the adjustment of other matters which of right should precede it. In the meantime any contribution to endowment fund will be most thankfully received, and sacredly set apart for any special department indicated by the donor.

FORM OF BEQUEST

The following form should be used by persons desiring to bequeath property to the University:

I hereby give and bequeath to Texas Christian University, located at Fort Worth, County of Tarrant, State of Texas, the sum of.....dollars, to be used (here state for what, if any particular purpose, it is to be used. If the bequest is real estate, it should be carefully described. Be particular about conforming to the laws of your State.)

Add-Ran College of Arts and Sciences

THE FACULTY

CLINTON LOCKHART, Ph. D., LL. D.,

President of the University; Professor of Semitic Languages and Literature.

JAMES F. ANDERSON, A. M.,

Professor of Biology and Geology.

JAMES B. ESKRIDGE, A. M., Ph. D.,

Professor of Latin and Greek.

O. B. SEARS, A. M., Ph. D.,

Professor of English Language and Literature.

WILLIAM B. PARKS, A. M., Ph. D.,

Professor of Chemistry and Physics.

EGBERT R. COCKRELL, A. M., LL. M.,

Professor of History and Political Science.

*ORIE WILLIAM LONG, A. B.,

Professor of Modern Languages and Literatures.

ELLSWORTH E. FARIS, A. M.,

Professor of Philosophy.

CHARLES I. ALEXANDER, A. B., B. S.,

Professor of Mathematics.

JOHN W. KINSEY, A. B.,

Professor of Education.

*On leave of absence.

TEXAS CHRISTIAN UNIVERSITY

W. T. HAMNER, A. B.,*Assistant Professor of English.**Assistant Professor of German and French.***(To Be Supplied)****MATEO MOLINA, A. B.,***Assistant Professor of French and Spanish.*

ITS RELATION TO THE UNIVERSITY

The College of Arts and Sciences is the central college of the University. From the Academy (and the High Schools) it differs in methods and in grade of work, since it deals with more advanced students; but, like them, it aims at the development of the whole nature of the student, at the enlargement of his capacity, at stimulation of his intellectual and spiritual growth. From all the other colleges and schools of the University it is to be distinguished, inasmuch as they aim at more or less of specialization. To students who have such work in mind, the College of Arts and Sciences offers general training as a foundation for their special work. To students who have no such purpose of specialization it offers general culture and a liberal education.

REQUIREMENTS FOR ENTRANCE

Students holding graduating diplomas from the Academy of Texas Christian University, or from approved Colleges and High Schools, are admitted to the College of Arts and Sciences without examination. All other students must give satisfactory evidence that they have completed work equal in amount and value to the course prescribed in the Academy, or pass in the entrance examinations. In all cases, if a student, after being permitted to enter a college class in any department, fails to demonstrate his ability to carry the course with satisfaction to the professor in charge, he may be required to drop back to

the Academy and fit himself for pursuing the course with advantage.

ENTRANCE EXAMINATIONS

Fourteen units are required for admission to Freshman standing. A unit course of study, as here used, means a course that covers a school year of at least thirty-five weeks, with five recitations per week of not less than forty-five minutes each.

Examinations may be required on the following branches:

English	3 units
Mathematics	3 units
History and Civics.....	3 units
Foreign Languages	3 units
Sciences	2 units

The question of accepting substitutes for any branches here required must be submitted to the Committee on Classification before date of examinations.

The following descriptive list will be suggestive of the scope of entrance examinations:

Mathematics.—1. Complete Practical Arithmetic, including fractions, percentage, roots, measurements, etc.; $\frac{1}{2}$ unit.

2. Beginning Algebra, covering such a treatment as that found in Wentworth's First Steps in Algebra; $\frac{1}{2}$ unit.

3. Elementary Algebra, covering such a course as that in Well's Algebra for Secondary Schools; 1 unit.

4. Plane Geometry, including simple original exercises and problems; 1 unit.

History and Civics.—1. American History, such a course as that given in Fiske's History of the United States; 1 unit.

2. General History, a course equivalent to that in Myer's General Outlines; 1 unit.

3. History of England (or some other leading nation of Europe); such text as Coman and Kendall's; $\frac{1}{2}$ unit.

4. Civil Government, including the elements of federal and state government; $\frac{1}{2}$ unit.

English.—1. Grammar, the principles of the language as given in any good text, with ability to write sentences with good grammar and spelling; 1 unit.

2. Rhetoric and Composition, as presented in standard works on the subject, such as Scott and Denny, Lockwood and Emerson, or Markley. An original theme may be assigned to test style, diction, paragraphing and accuracy of expression; 1 unit.

3. English and American Literature. History of the leading authors, their periods and productions, such as given in Simond's, Halleck, or Pattie and Newcomer. See reading required in the Academy of this University; 1 unit.

Latin.—1. Elements of Latin Grammar, simple exercises in prose composition, translation of Latin sentences such as those in Hale's First Year in Latin; 1 unit.

2. Second Year Latin, Cæsar's Gallic Wars, with more advanced composition and tests in grammar; 1 unit.

3. Readings in Sallust's Catiline and Cæsar's Civil Wars, with tests of grammar and etymology; 1 unit.

Greek.—1. Translation and composition of simple sentences with the elements of Greek grammar. Xenophon's Anabasis at least twenty pages; 1 unit.

2. Xenophon's Anabasis continued, seventy-five to one hundred and twenty pages, or other Attic prose of equivalent amount. Translations, questions of grammatical forms and constructions; 1 unit.

German.—1. Elementary grammar including the conjugation of weak and more usual strong verbs; declension of articles, adjectives, pronouns and nouns commonly used; model auxiliaries and commoner usages of syntax; 1 unit.

2. Reading of two hundred pages of simple prose and ability to read at sight easy prose; translation into German of simple

English sentences or easy connected prose. Pronunciation with fair accuracy is desired and ability to understand simple derivation in German; 1 unit.

French.—1 and 2. Work similar to that in German above, except that about four hundred pages of reading are required; 1 or 2 units.

Sciences—Physiology.—The elements of Physiology, Anatomy and Hygiene, as given in Blaisdell's Practical Physiology, or Martin's Human Body; $\frac{1}{2}$ unit.

Physiography.—Half a year's work covering all the leading features of the subject; $\frac{1}{2}$ unit.

Physics.—Work must cover recitation and class-room demonstrations, as covered by such a text as Carhart and Chute's High School Physics, or Gage's Elementary Physics. Also, individual laboratory work comprising forty exercises selected from such books as Adam's, or Chute's Manual; 1 unit.

TIME OF EXAMINATIONS

In all branches covered by the Summer School, examinations can be had at the close of the Summer Term. Examinations on all branches will be offered at the University during the last week in May, or on Wednesday of the first week of the Fall Term.

REQUIREMENTS FOR GRADUATION

In prescribing the requirements for graduation, the Faculty accepts the idea of an elective system, but imposes certain modifications in order that the interests of the students and of the institution alike may be safeguarded.

The requirements for graduation may be presented best in sections:

FIRST.—Each student is required to take the following courses:

Mathematics: Courses 1 and 2.

Chemistry: Course 1.

English: Courses 7, 3 and 21.

History: One year.

Foreign Languages: Either Ancient or Modern; one year of continuous work (not the first year in any case).

Philosophy: Course 1, and either course 2 or 3.

From the courses of the College of the Bible, Christian Evidences, or some satisfactory equivalent, and one unit in the Bible.

SECOND.—Each student is required to elect by the end of his Sophomore year a "major department." Then, in consultation with the head of his major department, he shall elect a "minor department." The heads of these two departments shall form an advisory committee for the student during the remaining years of his course.

In his major department the student shall take each term at least one study, but not more than two. His total of credits in this department shall equal at least forty-eight, at most sixty.

In his minor department the student shall take a minimum of one branch per term during at least three out of four years of college work. (The three years need not be continuous.) His total credits in this department shall equal at least thirty-six, at most forty-five.

THIRD.—Each student is required to make before graduation a total of one hundred and eighty credits, and after the year 1912 two hundred credits.

(By the term credit is meant one hour of recitation per week for one term.)

FOURTH.—Additional credits may be imposed upon candidates for graduation as a penalty for improper conduct. No student may be graduated who is guilty of any gross offense or who fails to make a satisfactory adjustment of his financial account with the institution.

FIFTH.—The degree of Master of Arts will not be conferred upon any candidate whose grade in his work for the Master's degree falls below an average of B.

GRADUATE WORK

Texas Christian University has at present no organized school for graduate work. Provision is made, however, for such students as, after receiving the A. B. degree, wish to take another year of literary work. On a student's completion of a year (forty-five credits) of resident work the University will confer on him the degree of Master of Arts. It is stipulated, however, that such work must be made up of Junior and Senior College Courses, and that whatever supplementary work may be imposed in any case, in order that the course may be entitled to graduate credit, must also be satisfactorily completed. Also, an approved thesis will be required before the candidate is accepted for graduation.

ELECTIVES FROM THE COLLEGE OF THE BIBLE

Candidates for the degree A. B. are permitted to elect as many as forty-five credits from the studies offered in the College of the Bible, to be selected from the following: Hebrew, New Testament Greek, Later Jewish History, Church History, History of Doctrine, Old Testament Introduction, New Testament Introduction, Messianic Prophecy, Textual Criticism of the New Testament, Philosophy of Religion, Law of Moses, Monuments and the Bible, and Literature of the Old Testament. In case Hebrew is elected as part of the "foreign language" study in the course leading to A. B., it will be deemed a regular branch in the College of Arts.

Candidates for the degree A. M. are permitted to elect as many as twenty credits from any studies in the foregoing list, except the first year in Hebrew; but no studies used in the course for Bachelor of Arts may be recounted for Master of Arts.

COURSES OF INSTRUCTION

DEPARTMENT OF GREEK

PROFESSOR LEWELLEN

The aim of the courses in Greek is twofold: (1) To bring to the student the discipline which comes through an acquisition of the best in Greek literature, through the study of the Greek language. Aside from etymological advantage even, such a discipline is valuable both for comparative studies in Latin, and to render one more stable in the fundamentals of English. (2) To prepare the way for the interpretation of the New Testament, itself originally given to the world in Greek. This fact alone renders the Classical Greek Department simply invaluable for the man who wishes to become a minister of the gospel.

1. *Elementary Greek (twelve credits.)* Year, 4 hours.

The accomplished student of the Greek language will have (1) a working vocabulary of the language; (2) a knowledge of its grammatical principles; (3) an ability to use this vocabulary and apply these principles, whether for a literary or an exegetical purpose. To make as large a beginning as possible toward these ends, in the simplest and briefest form consistent with thoroughness, and yet to secure a complete introduction to Attic Greek.

Text: Burgess & Bonner, *Elementary Greek*.

2. *Composition and Reading (four credits).* Fall, 4 hours.

Further selections from the *Anabasis*, with sight translations daily; prose composition, with a review of the most important principles of Syntax.

3. *Reading Course (four credits).* Winter, 4 hours.

Goodwin's *Selections from Herodotus*, Dialect considerations, word study and Syntax.

4. *Composition and Style (four credits)*. Spring, 4 hours.
Plato. The Apology and Crito, with word study, style and form, analysis and discussion.
5. *Homer's Iliad or Odyssey (four credits)*. Fall, 4 hours.
Three books are translated. Special attention is given to scansion, mythology, and the manner of life in the Homeric age.
6. *Greek Oratory (four credits)*. Winter, 4 hours.
(Introduction to Greek Oratory.) Jebb's Selections from Attic Orators.
7. *Greek Oratory (four credits)*. Spring, 4 hours.
Demosthenes. On the Crown. Word study, style, analysis and discussion.
8. *Greek Tragedy (three credits)*. Fall, 3 hours.
Sophocles, Aeschylus, study of the Greek theater, presentation of the drama and prosody.
9. *Aristotle (three credits)*. Winter, 3 hours.
Constitution of Athens, or Nicomacheian ethics.
10. *Later Greek (three credits)*. Spring, 3 hours.
Passages from Plutarch, Philo, and Lucian.

DEPARTMENT OF LATIN

PROFESSOR ESKRIDGE

1. *Reading Course (four credits)*. Fall, 4 hours.
Ovid. Selections from Ovid. His influence on modern literature, with an introduction to classical mythology. Or Virgil's Aenied, Books I-V. Rapid review of forms, together with prose composition and prosody.
2. *Reading Course (four credits)*. Winter, 4 hours.
Cicero. Orations Against Catiline, Sallust's Catiline, or Jugurtha. Tacitus Annales, or Germania et Agricola. Livy, Book I. Introduction to the Syntax of the Latin verb, by lectures and recitations.

3. *Reading Course (four credits).* Spring, 4 hours.

Cicero. *De Senectute*, or *De Amicitia*. The relation of these works to other writings of Cicero will be noticed. Or Cicero's Letters, Abbott's Selections, or Martial and Pliny; Selected Epigrams and Letters. Private life among the Romans. Further study of the Latin verb, together with a critical study of the growth and development of the Subjunctive mode.

4. *Reading Course (four credits).* Fall, 4 hours.

Horace. Odes and Epodes. Or Catullus. Latin versification; memorizing of selections.

5. *Roman Satire (four credits).* Winter, 4 hours.

Horace, Books I-II, or Juvenal; Selected Satires of Persius will be read by the instructor as occasion may demand. Attention will be given to the origin and development of Satire. Syntax by lecture and recitation.

6. *Roman Comedies (four credits).* Spring, 4 hours.

Captives and Trinummus of Plautus, followed by some play from Terence. A comparative study of these authors, from both the morphological and the literary sides. Manners and customs among the Romans, by lectures and recitations. The versification of Plautus and Terence.

7. *Rhetorical Treaties (four credits).* Fall, 4 hours.

Horace, *Ars Poetica*; Cicero, *De Oratore*, or *Brutus*, or Quintilian, Book X, or Tacitus, *Dialogus de Oratoribus*. Elementary principles of literary criticism; the debt of these writers to Greek sources.

8. *Roman Philosophy (four credits).* Winter, 4 hours.

Lucretius, *De Rerum Natura*; or Cicero *De Natura Deorum*, or *De Finibus* and *Tusculanæ*, or Seneca, selections. The place of Roman Philosophy in the history of Philosophy.

9. *Allen's Fragments of Early Latin (four credits).*

Spring, 4 hours.

Merry's Fragments of Roman Poetry. Egbert's Latin Inscriptions.

An additional year's course for work leading to the degree of Master of Arts will be arranged to meet the student's requirements.

DEPARTMENT OF MODERN LANGUAGES

PROFESSOR LONG

ASSISTANT PROFESSOR

MR. MOLINA

All courses in this department begin in September and continue throughout the year. Credit will not be given in the College for Course 1 in any of these languages until Course 2 is completed.

GERMAN

1. *Elementary German (fifteen credits).* 5 hours.

German Grammar. Practice in speaking and writing German. Reading of easy modern texts. This course is offered to those who do not present German for entrance.

2. *Grammar, Reading and Composition (fifteen credits).* 5 hours.

German Prose and Poetry. German Syntax and practice in writing German. A classical drama, preferably one of Schiller's, will be read. Collateral reading, History of Germany.

3. *Introduction to German Literature (twelve credits).* 4 hours.

Lectures will be given presenting an outline of the history of German literature. Stress will be given to the political and social conditions after the Thirty Years War and the

general rise to the classic period. The reading will be selected from the works of Lessing, Goethe and Schiller. German Lyrics and Ballads. Collateral reading and reports.

4. *German Literature of the Nineteenth Century (twelve credits).* 4 hours.

Lectures on the development of German literature from the Romantic movement to the present time. Especial emphasis is given to the modern tendencies of German literature. Reading selected from representative poets, novelists and dramatists.

5. *Goethe and Schiller (twelve credits).* 4 hours.

A critical and literary interpretation of the masterpieces of Goethe and Schiller. Acquaintance with their lives is presupposed. Study of the development of German literature during the classic period. Lectures, collateral reading and reports.

Prerequisite, German 3.

6. *General Survey of German Literature (nine credits).* 3 hours.

A general view of German literature from the earliest times to the present day is presented. Study of writers, representative works, and the general literary movements in each century. Robertson's *History of German Literature* and Max Muller's *German Classics*. Lectures, illustrative reading and reports.

FRENCH

1. *Elementary French (fifteen credits).* 5 hours.

French Grammar. Practice in speaking and writing French. Reading of easy modern texts.

2. *Intermediate French (twelve credits).* 4 hours.

The elements of Grammar completed. Composition and

conversation based on texts read. Reading of simple stories. Reading of standard authors as Halevy's *L'Abbe Constantin*; Dumas' *La Tulipe Noire*; Merimee's *Colomba*. About's *Le Roi des Montagnes*.

3. *French Literature of the Seventeenth and Eighteenth Centuries (twelve credits).* 4 hours.

Lectures will be given presenting an outline of the history of French literature. Stress will be given to the classic period. Selected works from Corneille, Moliere, Racine, Voltaire and Rousseau will be read. Collateral reading and reports.

4. *French Literature of the Nineteenth Century (twelve credits).* 4 hours.

A study of French literature from the Romantic movement to the present time. Reading selected from representative writers. Study of authors, their ideas and influence. Lectures, collateral reading and reports.

SPANISH

1. *Elementary Spanish (fifteen credits).* 5 hours.

An elementary study of Spanish covering a year's work in the language should embrace: (1) Careful drill in pronunciation, accurate study of inflections and conjugations, etc., knowledge of regular and irregular verbs in the indicative and subjunctive forms; (2) Translating at sight ordinary Spanish into English, and easy prose into Spanish; (3) Acquaintance with at least a limited vocabulary of spoken Spanish; (4) Reading and translation of 150 pages of easy Spanish prose.

2. *Advanced Elementary Spanish (fifteen credits).* 5 hours.

In this division the same plan as in Course 1 is followed: (1) Beginning with a rapid review of essentials of Grammar; (2) A thorough mastery of Spanish pronunciation;

(3) Inflections and conjugations thoroughly studied and completed. Reading and translation of about 350 pages of Spanish into English. This course is suitable for students who have studied Spanish in the Summer Session, or one year Spanish in High School.

3. *Intermediate Spanish (twelve credits).* 4 hours.

Elements of grammar completed. Composition and Conversation based on texts read. Easy and simple stories read. Translation and reading of standard authors, as Alarcon, Echegaray, Valera.

4. *Advanced Spanish (twelve credits).* 4 hours.

Advanced Grammar and Syntax. Composition and Conversation based on texts read. Modern Spanish Literature. Reading such authors as Alarcon, Valdez, Galdos, Bequer, Pereda, Pardo Bazan. General course in Spanish History and Literature.

5. *Modern Spanish Drama (nine credits).* 3 hours.

Study and interpretation of the masterpieces of modern Spanish drama of Sixteenth and Seventeenth Centuries. Works of Lopez de Ayala, Echegaray, Tamayo y Baús, Nunez de Arce's, Moratin, etc.

Spanish Classical Drama. Critical study of Spanish Classics. Cervantes and the dramatists of Golden Age are given in alternate years. Works of Calderon de la Barca's, *La vida es Sueno*; and *El Principe Constante*; Tirso de Molina's *Don Gil de las Calzas Verdes*; for 1911 Cervantes. General courses in Spanish Literature.

DEPARTMENT OF ENGLISH

PROFESSOR SEARS

PROFESSOR HAMNER

The Department of English presents courses in:

- I. Rhetoric and English Composition.
- II. English Language.
- III. British and American Literature.

The object of the courses in Rhetoric and Composition is to develop the student's power of self-expression. Consequently, throughout this work the emphasis is placed upon the art of composition rather than upon a knowledge of theoretical rhetoric. The consideration of modern prose classics is a regular feature of each course.

The language section of the English Department consists of courses in Old and Middle English. The aim is, primarily, to vitalize and make virile the student's diction through first hand contact with the elemental qualities of the race, to widen his vocabulary and to lead him to a comprehension of historical English Grammar. An additional aim is to bring the student into close relationship with the founders of English institutions; to make him familiar with their speech, their mental habits and characteristics; and to trace from the beginning of the historic period to the present the development of our literature, with a view to a better understanding and appreciation of it.

The purpose of the courses in Literature is to quicken the student's life through contact with the great thought and feeling of our race; to make him familiar with the important literary productions of England and America; to teach him to appreciate their beauties; and to assist him in developing sound ideas of literary excellence.

I.—COURSES IN RHETORIC AND ENGLISH COMPOSITION

PROFESSOR HAMNER

1. *Rhetoric and English Composition (four credits).*

Fall, 4 hours.

A course in plain prose composition. At least two themes a week required; numerous shorter exercises; class criticism and discussion; the study of some text on rhetoric. Required of all students. Prerequisite of all other English courses.

2. *English Composition (four credits).*

Winter and Spring, 2 hours.

Daily exercises and discussions. Practice afforded chiefly in exposition. Required of all students. The second half of the course deals especially with argumentation.

3. *English Composition (three credits).*

Fall, 3 hours.

A course in narrative and descriptive writing. Considerable time will be given to the Short Story.

II.—COURSES IN ENGLISH LANGUAGE

PROFESSOR SEARS

5. (a) *Anglo-Saxon (nine credits).*

Fall, 3 hours.

Grammar and simple exercises in translation.

(b) *Anglo-Saxon.*

Winter, 3 hours.

Selected prose readings.

(c) *Anglo-Saxon.*

Spring, 3 hours.

Selected readings from Anglo-Saxon verse.

6. *Beowulf (nine credits).*

Year, 3 hours.

7. *Middle English (three credits).*

Fall, 3 hours.

Selected readings, prose and verse. Relation of Middle English to Anglo-Saxon considered; dialectal peculiarities discussed. Some knowledge of Anglo-Saxon will be necessary to a satisfactory handling of the work.

8. *Chaucer and the Pre-Renaissance (six credits).*

Winter and Spring, 3 hours.

Reading of Chaucer's works; discussions of his language and his art. Lectures on the life and times of the poet. In the latter part of the course some time will be given to a consideration of the literature of the transition period immediately following the age of Chaucer.

9. *Advanced Etymology (six credits).*

Year, 2 hours.

III.—COURSES IN BRITISH AND AMERICAN LITERATURE

PROFESSOR SEARS

21. *Introduction to British Literature (eight credits).*

Winter and Spring, 4 hours.

This is intended to follow Rhetoric and English Composition above. The course includes a consideration of the more important species of epic, lyric and dramatic literature with a view to securing such appreciation of the masterpieces chosen as shall lead to more extended reading and study. Required of all students. Prerequisite of all other Literature courses.

22. *British Literature, 1557-1625 (five credits).* Fall, 5 hours.

The age of Elizabeth and the Renaissance.

23. *British Literature, 1625-1688 (five credits).*

Winter, 5 hours.

The struggle of Puritan and Cavalier.

24. *British Literature, 1688-1744 (five credits).*

Spring, 5 hours.

The Age of Reason and Regulation.

25. *British Literature, 1744-1795 (four credits).*

Fall, 4 hours.

The fading of the classical tradition; the rise of Romanticism.

26. *British Literature, 1795-1832 (four credits).*

Winter, 4 hours.

The period of Revolution and Romance.

27. *British Literature, 1832-1892 (four credits).*

Spring, 4 hours.

32. *British Literature, 1892-1910 (nine credits).*

Year, 3 hours.

Courses 22 to 27 and 32 form a series covering the history of English Literature from the beginning of the modern period to the present time. The object in each is to secure such general acquaintance with the literature of the period under consideration as can come from rapid reading of its important writings. Lectures, discussions and papers on assigned topics are features of the work. These courses need not be taken in chronological order, but it is desirable that they should be so taken, if possible.

28. *American Literature (six credits).*

Fall and Winter, 3 hours.

Studies in the works of the more important American Authors, especially of the New England group. Particular attention is given to the development of characteristically American qualities in our literature.

The Literature of the Middle and the Southern Atlantic States, followed by a rapid survey of the literary field in more recent years, especial attention being given to apparent tendencies in the South and the West.

29. *Browning (nine credits).*

Year, 3 hours.

Study of more important poems and dramas; consideration of Browning's philosophy in relation to his times.

30. *Pre-Shakespearean Drama and Shakespeare (nine credits).*

Fall, Winter and Spring, 3 hours.

The English history plays. The growth of dramatic art; the relation of the plays to their sources; the modifica-

ion of materials, structure, technique and other similar subjects, will be discussed.

31. *The English Novel (six credits).*

Winter and Spring, 3 hours.

Lectures on the development of the novel, followed by study of a number of representative novels.

DEPARTMENT OF HISTORY AND SOCIAL SCIENCE

PROFESSOR COCKRELL

This department presents courses which will tend to help solve some of our national, state and city problems. It will also give a knowledge of the chief persons and events of the past.

HISTORY

1. (a) *History of England (six credits).*

Fall and Winter, 3 hours.

Text: Oman. Assigned reading.

(b) *Government of England (three credits).*

Spring, 3 hours.

Text: Lowell, Vol. 1.

Above courses required of all students.

2. *History of Greece (three credits).*

Fall, 3 hours.

Text: Oman.

3. *History of Rome (six credits).* Winter and Spring, 3 hours.

Texts: Pelham's Outlines of Roman History; Munro's "Source Book of Roman History."

4. *History of the Middle Ages (three credits).* Fall, 3 hours.

Texts: Thatcher and Schwill's Europe in the Middle Ages and Robinson's Readings in European History, Vol. I.

5. *History of Modern Europe (six credits).*

Winter and Spring, 3 hours.

Text: Schevill's Political History of Modern Europe.
Assigned reading.6. *History of the United States (nine credits).* Year, 3 hours.Texts: The periods by Hart, Wilson and Thwaites,
respectively. Not offered in 1910-11.

ECONOMICS

7. *Economics (six credits).* Fall and Winter, 3 hours.Text: Ely's Revised and Enlarged "Outlines of
Economics."

SOCIOLOGY

8. *Sociology (three credits).* Spring, 3 hours.

Text: Derby and Ward.

PUBLIC LAW

9. *American Government (three credits).* Fall, 3 hours.Text: "American Commonwealth," Bryce; "Readings in
American Government and Politics," Beard.10. *Political Science and Comparative Constitutional Law
(six credits).* Winter and Spring, 3 hours.

Text: Burgess.

ADVANCED ECONOMIC AND SOCIAL STUDIES

Courses adapted to graduates and undergraduates of ad-
vanced standing.11. *The Trust Problem (two credits).* Fall, 2 hours.

Text: Jinks. Assigned reading.

12. *Labor Problems (two credits).* Winter, 2 hours.

Text: Commons. Assigned reading.

13. *City Problems (two credits).* Spring, 2 hours.

Text: "The American City," Wilcox. Assigned reading.

DEPARTMENT OF PHILOSOPHY

PROFESSOR FARIS

The introductory courses in this department are designed to meet the needs of students who elect Philosophy for the sake of general culture. The aim is to awaken an intelligent interest in the fundamental problems of life and mind, to develop the power of methodical and accurate thinking, and to foster independence of judgment. At the same time they afford a correct approach to the problems of teaching and religious instruction as well as to the more abstract inquiries of metaphysics.

Philosophy A (three credits).

Fall, 3 hours.

An introductory course open to Freshmen and Sophomores designed to furnish an approach to the later work in Psychology and metaphysics.

1. *Psychology (six credits).*

Fall and Winter, 3 hours.

This course begins with a series of lectures on the Physiology of the nervous system, after which a general study of the mental processes is made. The aim is to train the student to observe his own mental state and to appreciate what he may read in psychological literature, as well as to prepare for later work in Pedagogy and Philosophy. Angell's text, with James for constant reference, is used. A series of original papers on the topics of study will be prepared. Required of all students. Prerequisite, 60 college credits.

2. *Logic (four credits).*

Winter, 4 hours.

Besides the topics usually included in a course in Logic such as the concept, forms of judgment, inductive and deductive reasoning and fallacies, this course will lay stress on the functional nature of the thought-process and on the fundamental underlying principles of a psychological nature.

3. *Ethics (four credits)*. Spring, 4 hours.

An introductory course aiming to familiarize the student with the different types of ethical theory, as well as to reach a method of estimating and controlling conduct. Special attention will be given to the relation of the individual to society and the bearing on the question of the meaning of freedom and moral responsibility. Text-books, lectures, assigned reading and original papers.

4. *History of Philosophy (a) (six credits)*. Fall, 3 hours.

In the first half of the course will be treated the history of philosophical ideas from the early Greek cosmogonies down to the time of the Renaissance. Especial attention will be given to the more important dialogues of Plato, Aristotle's *Ethics* and the systems of Epicureanism and Stoicism.

History of Philosophy (b). Winter, 3 hours.

A rapid survey of the whole field of Modern Philosophy—the work of Descartes, Spinoza, Leibnitz, Locke, Berkeley, Hume, Kant and Hegel, will be considered.

5. *Problems of Philosophy (four credits)*. Spring, 4 hours.

A consideration of the fundamental problems of Philosophy and their solution. The following subjects will be taken up: The nature of Philosophy; its relation to science and religion; Materialism; Idealism, Agnosticism; Atomism; Theism; Pantheism; Realism; Empiricism; Rationalism. A thesis will be prepared by the student.

6. *Outlines of Experimental Psychology (two credits)*.

Winter, 2 hours.

Designed to familiarize the student with the methods of Laboratory Psychology. An investigation of the main features of sensation, attention, reaction, time, etc. Titchener's Manual will be used.

7. *Psychology of Religious Pedagogy (three credits).*

Fall, 3 hours.

A course in the general principles of Psychology as applied to the training of children, the religious nature of the child, and the best means of developing it according to these principles. Designed for Sunday School teachers, ministers of the gospel and others who have part in the religious training of the young.

8. *Psychology of Religion (three credits).*

Spring, 3 hours.

A study in the various types of conversion and of the changes in the psycho-physical organism corresponding to the rise of the religious consciousness.

10. *Platonism (three credits).*

Spring, 3 hours.

A study of the more important dialogues will be read in translation with Pater's *Plato and Platonism* for a commentary. A thesis will be prepared by the student.

11. *Epistemology (two credits).*

Winter, 2 hours.

In this course a study of the two great theories represented by Descartes, the rationalist, and Bacon, the empiricist, but reaching back to the beginning of the history of thought, will be undertaken. Lock, Hume and Leibnitz will be studied chiefly.

12. *Metaphysics (two credits).*

Spring, 2 hours.

An examination, as systematic and detailed as the length of the course will permit, of the leading types of philosophic theory with a consideration of the various kinds of solution that have been offered.

13. *Movements of Philosophic Thought in Modern Literature (two credits).*

Spring, 2 hours.

A survey of Rousseau, Kant, Hegel, and Schopenhauer, will be rapidly made, after which the stream of thought will

be traced through Goethe, Coleridge, Wordsworth, Carlyle, Emerson, Browning, Tennyson.

DEPARTMENT OF MATHEMATICS

PROFESSOR ALEXANDER

The part which Mathematical reasoning contributes toward mental training can be supplied by no other subject. It furnishes in ready available form matter which leads by easy natural gradation from the lowest to the highest form of abstraction. In exactness in content of terms, sharp discrimination, and certainty of thought processes, it is not excelled, if equaled, by any other subject in the whole field of intellectual training. This view of its value and office dictates, to a large extent, the selection of courses of instruction; however, the practical bearing of each on the affairs of every-day life, is by no means neglected. Following are the courses in detail:

1. *Solid Geometry (five credits).* Fall, 5 hours.

Preparation for this class includes a thorough knowledge of Algebra at least through quadratic equations, and a mastery of Plane Geometry. The methods of Plane Geometry are continued; original work is emphasized, very few, if any, of the exercises of the text being omitted. Analogies between Solid and Plane Geometry are noticed. Required of all students.

Text: Schultze and Sevenoak.

2. *Plane Trigonometry (five credits).* Winter, 5 hours.

This course consists of a study of the trigonometric functions and anti-functions, together with a large number of formulas dealing with their relations; the solution of the right and oblique triangle, and construction of logarithmic tables. Practical problems of considerable number and variety are solved. Required of all students.

Text: Lyman and Goddard.

3. *Surveying (five credits).* Spring, 5 hours.

All ordinary problems of the practical surveyor, including land surveying, triangulation, topographic and profile leveling, city surveying, etc., are given careful study. A liberal amount of field practice with a good surveyor's transit is required.

Text: Wentworth.

4. *Spherical Trigonometry (two credits).* Fall, 2 hours.

Right and oblique spherical triangles are solved. Practical application is made to the celestial sphere, a considerable number of astronomical problems being worked out.

Text: Lyman and Goddard.

5. *Advanced Algebra (four credits).* Spring, 4 hours.

A course intended for those desiring a more extended knowledge of Algebra than is usually obtainable in the high school, covering such subjects as permutations and combinations, theory of equations, determinants, complex numbers, partial and continued fractions. Required of all students.

Text: Hawkes.

6. *Plane and Solid Analytical Geometry (twelve credits).*

Fall, Winter, and Spring, 4 hours.

The work in this course consists of a thorough discussion of the relation of the equation to the locus; translation of geometric conditions into algebraic terms. Conic sections and other curves are studied by means of both Cartesian and polar co-ordinates. Prerequisites, Courses 1, 2 and 5.

Text: Fine and Thompson.

7. *Descriptive Geometry (four credits).*

Fall and Winter, 2 hours.

Orthographic projection. Intersection of planes and solids, intersection of solids, and development of solids.

This course is designed to meet the needs of those desiring to do technical work along Mathematical lines. Prerequisites, courses 1 and 6. Offered in alternate years.

Text: Faunce.

8. *Astronomy (three credits)*. Winter, 3 hours.

This course is largely descriptive, intended primarily as a culture course. A few practical problems, elementary in character, requiring a knowledge of courses 2 and 4, are solved. The recitation is conducted largely by means of lectures. Recommended to all students taking a literary degree.

Text: Todd's Elements of Astronomy.

9. *History of Mathematics (three credits)*. Spring, 3 hours.

To appreciate any subject, something of its history must be known. This course attempts, in a brief way, to trace the development of the science of Mathematics through the centuries down to the present time, showing that while it is the most highly developed and exact of all the sciences, still it is not the stale, dead thing that it is commonly supposed to be, but is a living, growing science, vitally connected with the progress and development of these modern times. Offered in alternate years.

Text: Cajori.

10. (a) *Differential Calculus (eight credits)*.

Fall and Winter, 4 hours.

No subject in the college curriculum gives one a greater appreciation of the logical beauty and vigor and the practical utility of a Mathematical course than does the calculus. In this course a large number of formulas for differentiation are developed and these applied to the solution of a great variety of problems.

- (b) *Integral Calculus (four credits)*. Spring, 4 hours.

A continuation of course 10 (a). The integral is studied

from the twofold standpoint of anti-differentiation and the process of summation. After developing standard forms of integration, attention is given to problem-solving, a large number, which are encountered in the studies of physics and mechanics, being chosen.

Text: Granville.

11. *Theoretical Mechanics (nine credits).*

Fall, Winter and Spring, 3 hours.

This course, aside from its own practical value, is intended to reinforce the knowledge obtained from the courses in Calculus. It may be taken by Seniors or candidates for the degree of Master of Arts, who have had course 10 (a) and 10 (b). Offered alternate years.

Text: Hoskins.

DEPARTMENT OF CHEMISTRY AND PHYSICS

PROFESSOR PARKS

1. *General Inorganic Chemistry (four credits).*

Fall, 4 hours. Laboratory, 4 hours.

(a) A study of the non-metals by text-book, lectures and laboratory work. Text, Remsen's Chemistry; Remsen's Laboratory Manual.

(b) A study of the metals. Recitation, lectures and laboratory work. Texts as above. Winter, 2 hours of recitation and 4 hours of laboratory work.

(c) A course supplementary to (a) and (b). Texts as above. Spring, 2 hours of recitation and 4 hours of laboratory work.

The aim of Course 1 will be to give a definite idea of the basic principles of Chemistry, and not only to lay the foundation of a broader and deeper knowledge of the subject, but also to supply that which is needed by all wishing to

secure a liberal education.

2. *Qualitative Analysis (eight credits).*

Fall, 1 hour of recitation and 6 hours of laboratory work.

(a) Lectures and recitations accompanying the work in the laboratory. The work begins with the study of the department of re-agents, is followed by the separation of the simpler bases into groups and ends with the separation of acids. Prerequisite, Course 1. Text, Sellers.

(b) *Advanced Qualitative Analysis.* Winter, 8 hours of laboratory work.

Mainly laboratory work in systematic analysis with occasional lectures and recitations. Text, Sellers and Fresenius.

3. *Advanced Inorganic Chemistry (four credits).* Fall, 4 hours.

This course consists of a more advanced study of inorganic chemistry. Such subjects as the periodic law, dissociation theory and other modern views will receive emphasis.

Text: Remsen's College Chemistry.

4. *Quantitative Analysis (twelve credits).* Fall, 4 hours.

(a) Chiefly laboratory work in gravimetric and volumetric analysis. Prerequisite, Course 1.

(b) *Advanced Quantitative Analysis.* Winter, 4 hours.

A continuation of Course 4, dealing more particularly with gravimetric analysis.

(c) *Advanced Quantitative Analysis.* Spring, 4 hours.

A continuation of Course 4, dealing with special volumetric methods.

Text: For the entire course, Talbot, Fresenius and Sutton.

5. *Organic Chemistry (three credits).* Spring, 3 hours.

A consideration of the principles of Organic Chemistry,

dealing with the more important hydrocarbon compounds.
Prerequisite, Course 1.

Text: Remsen.

6. *Physical Chemistry (two credits)*. Fall, 2 hours.

This course deals with such topics as the atomic theory, the periodic law, methods of molecular determination, and electrolytic dissociation. Prerequisites, Physics 1, and Chemistry 4.

Text: Walker.

7. *History of Chemistry (two credits)*. Spring, 2 hours.

A course tracing the rise and development of modern Chemistry. Prerequisite, Course 1.

Text: Venable.

8. *Special Methods in Quantitative Analysis (four credits)*.

Winter, 3 hours.

Eight hours laboratory work.

Each student in Chemistry is required to make a deposit of \$5.00 to cover breakage. At the end of the year this deposit, less the amount of breakage, will be refunded.

Laboratory fees in each of the foregoing courses, except Course 7, for which no fee is charged, is \$5.00 per term.

II.—PHYSICS

1. *General Physics (twelve credits)*. Fall, 4 hours.

(a) A course in which are presented largely from the experimental standpoint the most important principles involved in the study of mechanics and heat. The instruction is given by means of text-books and lectures, fully illustrated by class-room experiments, and supplemented by recitations and written examinations. Open to those who have had Elementary Physics and Trigonometry.

Text: Hasting and Beach.

- (b) Winter, 4 hours.

A continuation of the above course treating of magnet-

ism and electricity.

(c)

Spring, 4 hours.

A continuation of the above course dealing with sound and light.

2. *Laboratory Physics (four credits).*

Winter and Spring, 4 hours of laboratory work.

Experiments in different branches of the subject, selected from leading manuals. The student is required to keep a permanent record of all work done. Prerequisite, Course 1. Two hours in the laboratory are equivalent to one of recitation.

3. *The Dynamo (three credits).*

Winter, 3 hours.

History, theory and design of dynamos and motors. Prerequisite, Course 2.

4. *Spectroscopy (two credits).*

Spring, 2 hours.

A study of the theory and practice of spectrum analysis, with a comparison of various spectra. Laboratory reference book, Stewart and Gee.

A laboratory fee of \$3.00 is charged for each of the foregoing courses per term.

DEPARTMENT OF BIOLOGY AND GEOLOGY

PROFESSOR ANDERSON

I.—BIOLOGY.

A.—BOTANY.

The course in Botany embraces full work during the entire session of three terms, three hours per week in class room. Four hours per week in library, laboratory, or field will be required. Laboratory work must be recorded in permanent form in note book and drawings. The lantern will be used in lecture room.

1. *Botany (twelve credits).* Fall, 3 hours.

(a) Respiration, assimilation, sensation, reproduction, and differentiation will be given special attention.

(b) Winter, 3 hours.

The evolution of the plant kingdom from the lowest forms to the highest will be carefully studied through *Thallophytes*, *Bryophytes*, *Pteridophytes*, and *Spermatophytes*.

(c) Spring, 3 hours.

The entire term will be devoted to the study of the morphology and ecology of a limited number of typical plants.

Texts and collateral reading: Leavitt's *Outlines of Botany*, Bergen's *Foundations of Botany*, Sedgwick and Wilson's *General Biology*, Coulter's *Plant Relations*, Coulter's *Plant Structure*.

ZOOLOGY AND PHYSIOLOGY.

2. *Zoology (twelve credits).*

Fall, Winter and Spring, 3 hours; laboratory, 4 hours.

A course in general Zoology. Attention is given to the morphology and physiology of the various animal types. Minute forms are studied by the aid of the compound microscope. Dissections are made of larger forms. Laboratory work must be made definite and explicit in the form of notes and drawings. Lectures are given and readings assigned on such topics as Instinct, Mimicry, Influence of Environment, Symbiosis, Struggle for Existence, Survival of the Fittest, Life Cycles, Care of the Young, Animal Habitations, etc. Recitations are required on lecture topics and text reading.

Texts: Jordan and Heath, Jordan and Kellogg, Pratt.

3. *Physiology (six credits).* Fall and Winter, 3 hours.

Martin's *Human Body*, advanced course, is used as text.

4. *Sanitary Science (four credits).*

Spring, 2 hours, laboratory, 4 hours.

5. *Biology (four credits).* Fall, 2 hours, laboratory, 4 hours.

Texts, Sedgwick and Wilson. Protoplan is studied in an exhaustive way, first as regards its chemical and physical characteristics as manifested in the simplest forms of life, and then in the more complicated organisms. Dictative, recitation and laboratory methods will be used.

6. *Histology (four credits).*

Winter, 2 hours.

Animal tissues studied microscopically. Methods of preparation for microscopical works are given due attention.

7. *Bacteriology (four credits).*

Spring, 2 hours. Laboratory, 4 hours.

A general introduction to the subject with emphasis on general rather than special work is attempted.

Laboratory fee for Biology, \$4.00 per term.

II.—GEOLOGY

The work offered in Geology extends through the session of three terms, three hours per week in recitation and two hours per week in laboratory, library or field. The lantern will be used freely in the lecture room. A careful study of the first chapter of Genesis will be required in connection with the regular class work. Especial attention will be given to the study of the development of the North American continent.

Texts and collateral reading: Le Conte's *Elements of Geology*, (fifth edition); Dana's *Manual of Geology*, (fourth edition); Giekie's *text-book of Geology* (fourth edition); Morris' *Six Work Days of God*.

Laboratory fee, \$2.00 per term.

8. (a) *General Geology (twelve credits).*

Fall, Winter and Spring, 3 hours. Laboratory, 2 hours.

Lectures, recitations and field work, covering the entire work offered by preparatory texts.

(b) Dynamic and Structural Geology.

Especial study given to atmosphere, aqueous, igneous, and organic agencies; stratification, metamorphism, denudation and mountain structure.

(c) Historical Geology. Spring, 3 hours.

Covering the Archean, Palezoic, Mesozoic, Cenozoic and Psychozoic eras. Especial attention given to comparative life forms in fossil remains leading to a discussion of the evolution of life on the globe. In this connection a study of certain sacred literature is offered.

9. *Anthropology (four credits).* Spring, 4 hours.

This course is offered to seniors who have had Geology 8, and Zoology 6.

Text: Tylor.

DEPARTMENT OF EDUCATION

PROFESSOR KINSEY

It is evident that there has never been a time in the history of our country when the real demand for well trained teachers was greater and the prospects for future advancement more flattering. Public, as well as private, schools are gradually, but surely, raising their standards, and, at the same time, demanding better equipped teachers. Therefore, to meet these growing demands and to give to students an opportunity to avail themselves of the privileges offered by the State Certificate Law, the following courses in Education are offered.

1. *The History of Education (four credits).* Fall, 4 hours.

This is an elementary course in the history of education designed especially for those who cannot spare the time, or who are not prepared for the more advanced and more extended course in this subject. A brief survey of the field of the history of education will be made.

2. *School Management and School Laws (three credits).*

Winter, 3 hours.

It will be the purpose of this course to give special attention to basic principles and to the common problems with which every teacher should be familiar. In developing this study many problems of every day happenings will be treated, as well as the whole subject, from a logical and scientific standpoint. A constant study of the common school laws, especially those of Texas, will be made by all students taking this course. Collateral readings will be assigned and theses required.

3. *Methods of Teaching (four credits).* Spring, 4 hours.

The purpose of this course is to make a careful study of the methods and processes of teaching and to make special application of these to some of the common branches.

4. *Philosophy of Education (four credits).* Fall, 4 hours.

This course will deal with some of the more important psychological and philosophic principles upon which our educational systems rest. Text-books will be used, lectures given, and theses required.

5. *Child Study (six credits).* Winter and Spring, 3 hours.

A study of the development of the child, the influence of environment, and many phases of the adolescent period. Lectures and collateral readings will be based, to some extent, on such works as "Warner's Study of Children," Kirkpatrick's "Fundamentals of Child Study," Oppenheim's "Development of Children," and Hall's "Aspects of Child Life and Education."

6. *Secondary Education (three credits).* Fall, 3 hours.

The history of secondary school organization, courses of study, time allotted to the various departments of the schools of America, as well as of other leading countries, will be considered. Lectures given, collateral reading, and

theses required.

7. *Applied Psychology (six credits).*

Winter and Spring, 3 hours.

This course is intended to make application of those psychological principles that bear directly upon the more important phases of the teaching processes. A suitable text-book will be used, lectures given, collateral readings, and theses required.

8. *School Supervision (four credits).*

Fall, 4 hours.

This course is intended for department teachers, high school principals, and superintendents, or persons preparing for such position. The course will be based on some good text-book and in addition thereto much time will be devoted to the solution of some of the more important problems of the modern school.

9. *The History of Education (nine credits).* Year, 3 hours.

This course will include a careful study of the various phases of ancient, medieval, and modern history of education, giving special attention to particular types and movements. It will also include a comparative study of the educational systems of England, France, Germany, and America. Considerable time during the first term will be devoted to Greek and Roman education. A good text-book will be used, theses and much collateral reading required.

10. *Special Method Courses (six credits).*

Winter and Spring, 3 hours.

This work will consist of a careful study of the methods and processes applicable to special branches of study and will be given by the regular teacher, and by the heads of other departments and other specialists. This is a course in which all teachers should be especially interested. Text-books used, collateral readings, reports and theses required.

11. *Seminar (six credits).*

Year, 2 hours

In this course will be considered many of the leading educational problems of the day, special study given to current literature by each member of the class, and investigation of educational situations of the various countries made.

College of the Bible

FACULTY.

CLINTON LOCKHART, A. M., Ph. D.,

Dean of the College of the Bible; Professor of the Hebrew Language and Literature.

G. A. LEWELLEN, A. M., Ph. D.,

Professor of Greek and Sacred History.

ELLSWORTH E. FARIS, S. B., A. M.,

Professor of Ethics and Philosophy of Religion.

EGBERT R. COCKRELL, A. M., LL. M.,

Professor of Church History.

HENRY TRUMBULL SUTTON, A. M.,

Professor of English Bible and Homiletics.

CLYDE BATSELL REEVES, A. B., B. O.,

Professor of Public Reading and Speaking.

F. W. CUPRIEN,

Professor of Church Music.

PURPOSE OF THE COLLEGE.

The primary intent of the College of the Bible is to give large place in liberal education to the greatest of all classics, the Holy Scriptures, and through the leading of the divine message to train young men and women for Christian usefulness in any station and vocation of life. It cherishes the high ideal of learning which only a school of the church can supply, not only to impart a worthy degree of Biblical information to the student, but so

to direct his research and quicken his inspiration for study as to lead him through later years zealously to lay under tribute every available resource of scholarship. This College therefore invites worthy people to prepare for worthy tasks in life, and seeks to kindle an unquenchable desire for usefulness in a world that sorely needs the best endeavor of Christian manhood and womanhood. It further seeks to enthrone the Christ in faithful hearts, to adorn the gifts of mind with the graces of culture, to awaken as the deepest longing of the soul, a yearning to lead other souls into the light of truth, and to help in humble measure to attune the thought of the time to the thought of the timeless Teacher of men.

While the church calls loudly for an educated ministry, and the world needs above all else preachers of the highest possible attainments, the demand for many other workers in various callings increases, and must continue to increase. It is accordingly required of every University under the auspices of the church and seeking the greatest efficiency in training young people for the duties of coming years, both to furnish ample facilities for the preparation of public proclaimers of the faith, and also to provide a practical and wisely directed system of study and work, suited to those who anticipate numerous other religious activities and responsibilities.

To meet this double need, the College offers two courses of study: (1), a Classical Course, requiring the degree of Bachelor of Arts from a creditable college of liberal arts, and leading to the degree of Bachelor of Divinity in the College of the Bible; and (2), an English course, requiring a prescribed attainment in academic studies, and leading to a diploma indicative of creditable English work in the College of the Bible. The former will signify a high rank in ministerial education, and is designed to prepare the messenger of faith for the most successful services in the church; and the latter will afford an

honorable preparation for preaching the word, for teaching in Bible schools and missions, for the organization and direction of co-operative work of all kinds in the church; hence, for the manifold ministries of preachers, preachers' wives and other helpers, missionaries, Bible school and Endeavor workers, ministers' clerks and amanuenses, leaders of every form of religious music, and many other classes of men and women that desire to be useful in the Christian life. It is hoped that thus the work of the College may be thorough, yet broad and adaptable to the ever varying needs of the future church.

TERMS OF ADMISSION.

To be admitted to the Classical Course, a student must have at least Sophomore standing in the College of Liberal Arts, and must have completed the History of Israel (15 credits), Life of Christ (8), Apostolic History (4), Hermeneutics (4), English Exegesis (8), in the College of the Bible.

(By the term "credit" is meant one hour of recitation per week for one term.)

To be admitted to the English Course, a student must have Freshman standing in the College of Arts and Sciences, less foreign languages and Geometry, or, otherwise, pursue delinquent branches in the Academy during the first year in this college. With consent of the faculty a student may pursue selected studies for which he is prepared without regard to standing.

No applicant will be admitted if known to be wanting in Christian character, or to have a dishonorable record in another college.

GRADUATION.

A candidate for the degree of Bachelor of Divinity, must, in addition to entrance requirements, complete a course of 105 credits in this College, of which 39 shall be elective and 66 in

the following branches: Homiletics (9), New Testament Greek (24), Hebrew (24), and Church History (9). Of credits in branches taught in this College and counted for the degree Bachelor of Arts, no more than 36 may be recounted toward the degree Bachelor of Divinity. Of credits from this College counted for Master of Arts, 20 may be recounted for Bachelor of Divinity. In no case may more than 36 credits be recounted.

A candidate for graduation in the English Course must complete in this College the sum of 90 credits, of which 51 shall be elective and 39 in the following branches: History of Israel (15), Life of Christ (8), Hermeneutics (4), Apostolic History (4), English Exegesis (8); and in the College of Arts, Psychology and Evidences of Christianity.

COURSES OF INSTRUCTION

DEPARTMENT OF SACRED HISTORY AND CHURCH HISTORY.

1, 2, 3. *The History of Israel (fifteen credits).*

Fall, Winter and Spring, 5 hours.

A careful study of the historical material from Genesis to II. Chronicles, with collateral studies in the history of Egypt, Babylonia, Assyria, and Palestine. Lectures and text of the Bible, American Standard Edition. Professor Lewellen.

4, 5, 6. *Later History of the Jews (twelve credits).*

Fall, Winter and Spring, 4 hours.

A collation of historical facts in Jewish history, beginning with the Babylonian Exile, and extending to the Fall of Jerusalem under Titus. Lectures and assigned reading. Text-books in Greek and Roman Periods, Riggs. Dr. Lockhart.

7, 8. *The Life of Christ (eight credits).*

Fall and Winter, 4 hours.

The four Gospels studied in chronological order with lectures and assigned topics. A careful exegesis of select portions of the text in English, with emphasis on the peculiar life and teaching of Jesus. Dr. Lewellen.

9. *Apostolic History (four credits).* Spring, 4 hours.

Historical and exegetical study of Acts of Apostles, with further history of the church to the end of the first century, gathered from the Epistles and extra-Biblical sources. Lectures and assigned reading. Dr. Lewellen.

10, 11, 12. *Church History (nine credits).*

Fall, Winter and Spring, 3 hours.

A full course in the history of the Christian Church from the Apostolic age to the present time, with careful attention to the development of the Roman and Greek Catholic bodies, the rise and progress of the Protestant Reformation, and special survey of the several important denominations. A text-book will be used, and library work assigned. Prof. Cockrell.

13, 14, 15. *History of Christian Doctrine (nine credits).*

Three hours, full year. (Offered on demand.)

A careful study of the leading doctrines of the early church, a tracing of the changes in religious thought and the development of various systems to the present time. Text-book with lectures and assigned work. Prof. Cockrell.

16, 17. *History and Plea of the Disciples (four credits).*

Fall and Winter, 2 hours.

A course of lectures reviewing briefly the establishment and character of the leading Protestant Churches as a background and condition of the rise and progress of the Disciples. A careful statement of their principles and

pleas, together with their fitness to the present age. A course of lectures with special investigation in the library. Dr. Lockhart.

DEPARTMENT OF HERMENEUTICS AND EXEGESIS.

The following branches of work are offered to students of the English Bible, a knowledge of the Hebrew and Greek languages not being required.

1. *Hermeneutics (four credits).* Fall, 4 hours.

The fundamental principles of interpretation, with studies by the inductive method, will be presented in a text book. Numerous passages of Scripture thoroughly illustrating the rules of interpretation will be presented in class-room discussions.

Text-book: "Principles of Interpretation." Dr. Lockhart.

- 2, 3. *Exegesis, Earlier Epistles of Paul (eight credits).* Winter and Spring, 4 hours.

Selected Epistles from the earlier writings of the Apostle will be presented in lectures, with numerous questions to be investigated by reference to the library. Introductions to the Epistles, including the related history of the Apostle's work with the churches to which the Epistles are addressed, the date of writing, and the conditions of the churches at the time. Also a careful exegesis of the text, using the American Revised Version, as a basis of study, with occasional statements concerning the Greek text on points of doubtful interpretation. Dr. Lockhart.

- 4, 5. *Exegesis, Later Epistles of Paul (eight credits).* Winter and Spring, 4 hours.

Work similar to the Exegesis of Earlier Epistles, but

covering the more important Epistles that belong to a later period of the Apostle's ministry. Dr. Lockhart.

6, 7, 8. *Messianic Prophecy (nine credits).*

Fall, Winter and Spring, 3 hours.

A general survey of the work of Old Testament Prophets and its bearing upon their Messianic announcements. An exegetical study of all the leading passages of the Old Testament that are usually regarded as Messianic. Each prophecy is considered in the light of the time and the conditions under which it arose and its place in the progress of Messianic development. The relation of the prophetic messages to the development of Christianity is carefully considered. Dr. Lockhart.

DEPARTMENT OF HEBREW AND OLD TESTAMENT.

1, 2, 3. *Beginning Hebrew (twelve credits).*

Fall, Winter and Spring, 4 hours.

A thorough mastery of the first eight chapters of Genesis by the inductive method, using Harper's text-books. Reading from later chapters of Genesis and I. Samuel. A thorough study of the grammatical elements of the Hebrew language, and a familiarity with the vocabulary of the most frequently used words in the Old Testament. Prof. Faris.

4, 5, 6. *Hebrew Readings and Syntax (twelve credits).*

Fall, Winter and Spring, 4 hours.

Extensive readings in the historic and poetic books of the Old Testament, with a thorough study of Harper's Hebrew Syntax. This will include one term of careful exegetical study of the Hebrew text. Dr. Lockhart.

7, 8, 9. *Hebrew Readings in the Prophets (nine credits).*

Fall, Winter and Spring, 3 hours.

Exegetical work on the Hebrew text in Isaiah, Hosea,

and Nahum, with attention to the historical conditions under which early prophecy was written, and to the textual criticism of the passages selected. Dr. Lockhart.

- 10, 11, 12. *Old Testament Introduction (six credits).*

Full year, 2 hours.

The canon of the Old Testament, its history and the principles governing its formation. The leading issues of higher criticism of the Old Testament and a brief history of modern work relative to the date and authorship of Old Testament books. Dr. Lockhart.

- 13, 14, 15. *Literature of the Old Testament (twelve credits).*

Fall, Winter and Spring, 4 hours.

A study of the literary characters of all parts of the Old Testament, giving special attention to the peculiarities of Hebrew composition, together with a more minute study of the Psalms and the Book of Job. Given on demand. Dr. Lockhart.

16. *Law of Moses (six credits).* Fall and Winter, 3 hours.

Lectures on the origin, nature, codification, and meaning of the Law, with reasons for its peculiarities and observations on its value. A comparison of the Laws of Hammurabi. Dr. Lockhart.

17. *Monuments and the Bible (three credits).* Spring, 3 hours.

A study of the Assyrian, Babylonian, Egyptian and Palestinian monuments as recently discovered and translated, with their bearings on the contents of the Bible. Dr. Lockhart.

DEPARTMENT OF GREEK AND NEW TESTAMENT.

- 1, 2, 3. *New Testament Greek (twelve credits).*

Fall, Winter and Spring, 4 hours.

A course preliminary to Greek Exegesis, including inves-

tigation of peculiarities of LXX. and New Testament grammar and syntax, with readings from the Septuagint and various parts of the Greek New Testament. Wescott and Hort's Greek Testament, Conybeare and Stock's selection from LXX. and Burton's Moods and Tenses, with reference to Buttmann and Winer. This course must be preceded by two years of work in Classical Greek. Prof. Lewellen.

4, 5, 6. *Greek Exegesis (twelve credits).*

Fall, Winter and Spring, 4 hours.

Rapid translation and interpretation of Paul's Epistles, followed by a special study in the Book of Romans, including analysis, word study, translation, study of moods, paraphrase and statement of the thought and argument. Must be preceded by the course above named.

7, 8, 9. *Hellenistic Greek (nine credits).* Full year, 3 hours.

Readings from the Septuagint, Apocrypha, Philo, Teaching of the Twelve, and other sources which belong to the transitory Hellenic age of Greek literature, including comparisons between the Septuagint and the Greek New Testament. Given on demand.

10. *New Testament Introduction (three credits).* Fall, 3 hours.

A brief course including a history of the text and canon of the Greek New Testament so far as it relates to the integrity and genuineness of the books, together with special introduction to the Letters of Paul.

11. *Textual Criticism and Selected Readings (nine credits).*

Full year, 3 hours.

Methods of presentation of Gospel truth; history of Greek manuscripts, uncial and cursive.

12. Difficult passages selected from all parts of the Greek New Testament, involving Greek Exegesis.

13. Quotations from the Old Testament, involving the use

of the Hebrew Bible, LXX., Latin Version, and the Greek New Testament. Dr. Lockhart.

14. (a) *Social Teachings of Jesus and the Apostles (two credits)*
Fall, 2 hours.

Social teachings of John and Jesus.

Organization, development and equipment of the Church of Christ for the accomplishment of its mission in the saving of men. Alternates with Doctrine of Paul. Dr. Lewellen. Winter and Spring.

DEPARTMENT OF DOCTRINE AND EVIDENCE.

- 1, 2, 3. *Christian Doctrine (nine credits)*.

Fall, Winter and Spring, 3 hours.

A systematic arrangement of the several themes of Christian teaching, including the doctrine of God, creation and providence, Christ and the atonement, human sin and redemption, the church and its ordinances, death and eschatology. A text-book and assigned investigation. Dr. Lockhart.

4. *New Testament Literature (two credits)*. Fall, 2 hours.

Not only introduction, but survey of content of the several books of the New Testament. Dr. Lewellen.

- 5, 6. *Doctrine of Paul (four credits)*. Fall, 4 hours.

A course for the investigation of Paul's teaching as found in Pauline literature. The study is approached with the question, "What were the problems which came to Paul, and how did he solve them?" Prerequisite, Apostolic History and a course in New Testament Exegesis, English or Greek. Dr. Lewellen.

7. *Evidences of Christianity (six credits)*.

Fall, Winter and Spring, 2 hours.

An examination of the claims of atheism, pantheism, and agnosticism, together with the basis of theistic belief. The

claims of Christ as the Messiah of Israel and the Son of God tested by scientific principles involved in the history of his work and of the church. Prof. Faris.

8. *Philosophy of Religion (six credits).*

Fall and Winter, 3 hours. Given on demand.

The philosophical basis of theism, sin, atonement, revelation, human freedom, the future life and other doctrines. Text-book and discussions. Prof. Faris.

9. *Psychology of Religious Experience (three credits).*

Spring, 3 hours.

Investigations and analyses of religious experience in the light of psychology. Prof. Faris.

DEPARTMENT OF HOMILETICS AND MISSIONS.

1, 2, 3. *Homiletics (nine credits).*

Fall, Winter and Spring, 3 hours.

A course on the preparation of sermons, including the theory of sermon composition and criticism of sermons prepared by the student. Text-book and class drills. Prof. Sutton.

4, 5. *Church Ministries (four credits).*

Fall and Winter, 2 hours.

A course of lectures with assigned readings in the library, covering the ministries of the preacher outside of the pulpit, the conducting of various organizations and services in connection with the local church. Prof. Sutton.

6. *Sunday School Management (two credits).* Spring, 2 hours.

Lectures and reference work on the organization of the Sunday School and the work of the teacher. Dr. Lewellen.

In addition to this work, a normal class is conducted in the Sunday School of the University; also, students are given experience in various forms of Sunday School work in the University Sunday School.

7, 8, 9. *Christian Missions (three credits).*

Fall, Winter and Spring, 1 hour.

A course of study embracing the history of missions, their success and demands. The University library will have a collection of books on missions, and these will be freely used. Prof. Sutton.

SPECIAL LECTURES.

A course of lectures on current, practical issues of the greatest interest to students of this College, will be given through the year by men well known throughout the land as leaders of religious thought and action. This course is free to all, and will be a boon to the whole University. It will be an honor to the College to enjoy the presence and favor of such men, and their coming will impart an inspiration to better thinking and nobler living. The names of speakers and their topics will be announced in advance during the year.

STUDENTS' LOAN FUND.

From various sources, notably from T. W. Phillips, New Castle, Pa., the University has received donations to a fund to be loaned to ministerial students who otherwise might be unable to pursue their collegiate work. These funds are available on the following conditions:

1. The applicant must be a member of the Church of Christ, duly endorsed by the officers of the congregation in which he has fellowship, and must declare his intention to complete a diploma course in the college, to become a preacher of the gospel and to return the loan at the earliest convenient date.

2. Loans must not exceed the minimum need of the student, must be used, first of all, to pay dues to the University; must be secured by notes with approved security; must bear eight per cent interest from the date of borrower's leaving the University;

and in case of his failure to enter the ministry or his discontinuance of that work, must bear eight per cent interest from date of note.

PREACHING AND OTHER EMPLOYMENT.

Experience has abundantly proved that any training for the ministry that does not include actual touch with the public through the pulpit during the collegiate course, must be seriously defective. The College, however, mindful of its own reputation, desirous of the greatest good to the churches, and seeking the best interests of the students, discourages regular engagements by men who are incompetent to do creditable sermonic work; and the faculty reserves the right to withhold any student from any religious service for which he is believed to be unprepared. Churches in and around Fort Worth are numerous, and there is probably no greater opportunity for preaching by competent students anywhere than near to this University. Ministerial students that have a fair degree of instruction often prove to be most successful preachers, and by their evangelistic enthusiasm under the advice of their teachers are able to strengthen churches and convert many to the faith.

Since Monday is not a day of recitation in this University, students have time to return from places of preaching without losing work in the class-room. Those who can give evidence of ministry acceptable to the Churches will do well to write to the President in advance of coming, and an effort will be made to put them in communication with congregations desiring preachers. It is confidently believed that no successful preacher will fail of employment.

Students who desire to pay part or all of their expenses by manual labor either in the college or in the city will be advised by the President concerning opportunities for employment. Many young men and women who would be otherwise denied

the privilege of collegiate education, are able in this way to advance side by side with their wealthier companions.

ACCOMMODATIONS AND EXPENSES.

The buildings of the University are large and commodious, and afford pleasant rooms for students and teachers near to the College boarding-hall where meals may be obtained. 'The Girls' Home' furnishes good rooms for ladies who may attend the College of the Bible. Young men attending this College who desire to reduce expenses by boarding in a club, should inform the President by August 20th, and a suitable building will be provided if a sufficient demand appears. It is estimated that room and board in a club will cost about \$10.00 a month. Room and board in the College buildings cost \$17.00 per month.

The tuition fee of students of the College of the Bible for the year is \$25.00, and the matriculation fee for the year is \$12.50. Both fees are payable in advance, and no fee will be refunded. Allowing \$20.00 a year for books and incidental expenses, the whole expense of a student in this College, who boards in the club, need not exceed \$175.00 a year. An industrious man can earn part of his expense; and thus, whatever his financial status may be, the advantages of the College are placed within his reach.

College of Fine Arts

ORGANIZATION

The College of Fine Arts is composed of the Conservatory of Music, the School of Oratory and the School of Painting and Drawing. It is esteemed no less important to provide an art atmosphere and to impart a culture in the arts than to give instruction in literature and science. The aim should be a real and earnest education rather than a mere commercial venture. This College is not a private institution run for financial gain, but a philanthropic effort to inspire and direct genius to noble endeavor, and so to make a genuine contribution to the happiness of mankind. With such a purpose, the University seeks to provide the best possible equipment and the most competent teachers available at the least possible cost to the student.

BUILDINGS AND EQUIPMENT

It is planned that when the new buildings of the University shall be completed, ample and convenient rooms for every department of this College will be available. Likewise, new equipment is contemplated. Every piano is to come direct from the factory to the studios during the next year. New models will be supplied for the drawing tables, and spacious rooms will facilitate practice in public speaking. Every reasonable encouragement to successful training in these branches will be afforded. During the construction of the new buildings the best possible temporary conditions will be sought and secured.

CONSERVATORY OF MUSIC

FACULTY

CLINTON LOCKHART, Ph. D., LL. D.,

President of the University.

F. ARTHUR JOHNSON,

Director of Conservatory of Music; Pianoforte.

HARALD R. TECHAU,

Pianoforte.

SAMUEL S. LOSH,

Pianoforte, Pipe Organ and Voice Culture.

FRANK W. CUPRIEN,

Voice Culture.

AUGUSTUS C. ROTHE,

Violin and Theory of Music.

The Music Faculty is strictly one of European schooling. Each member has enjoyed the best of opportunities for music study in the leading conservatories and with the foremost private teachers in Germany.

MR. F. ARTHUR JOHNSON, *Director; Pianoforte.*

Mr. Johnson is a native of Chicago, Ill. He began his music studies in Minneapolis, Minn., studying there with Prof. C. C. Heintzmann. In 1896 he went to Germany, where he continued his music studies for five years. He was a student in the Royal Conservatory of Music in Leipzig for three years. His teachers in this deservedly famous institution were: Johannes Weidenbach, Pianoforte; Adolf Ruthardt, Pianoforte, and Paul Quasdorf, Theory of Music. Subsequently he had private lessons for one year with Johannes Weidenbach. In 1900 he went to Dresden to become a pupil of the Composer-

Pianist to the King of Saxony, Herrmann Scholtz. While in Dresden he studied Pipe Organ with Uso Seifert, Organist of the Reformed Church. In 1901 he returned to America and has since that time been a successful teacher of Pianoforte, Pipe Organ and Theory of Music in Seattle and Bellingham, Wash., and Waco, Texas.

The following is a quotation from the Diploma given to Mr. Johnson by his Dresden instructor:

"He gave me a great deal of pleasure by his exhibition of musical talent, earnest effort and technical knowledge. His work was particularly distinguished by intelligent interpretation, fine phrasing, rhythmical precision and a good style.—*Herrmann Scholtz.*"

A quotation from Mr. Johnson's diploma, given to him by the Royal Conservatory of Music in Leipzig:

"His playing was technically correct and displayed a flowing style and comprehensive musical intelligence.—*Johannes Weidenbach.*"

A LETTER

The following is a letter from Dr. S. P. Brooks, President of Baylor University, Waco, Texas:

OFFICE OF PRESIDENT

To Whom It Concerns:

Professor F. Arthur Johnson, Vice-Director of our Department of Music and one of our finest professors of piano, will probably give some concerts in the nearby towns to Waco during the winter and spring.

I regard him one of the finest pianists of the State, and believe that his entertainments will be of the highest class. I commend him to those who would like to develop high grade music in their communities.

S. P. BROOKS,

President.

December 16, 1909.

PRESS NOTICES

CONCERT AT THE COLUMBIA THEATRE

MRS. KOFOED AND MR. JOHNSON CHARM A VAST AUDIENCE
(*Capital News*, Boise, Idaho, August 10, 1906.)

A flutter of fans over a sea of white dresses, shaded by the dark suits of the gentlemen, formed as animated a scene in the Columbia Theatre last evening as has been witnessed this season, the occasion being a vocal and instrumental entertainment given under the direction of the Eilers Piano House by Mrs. Blanche Irbe Kofoed, vocalist, and Mr. F. Arthur Johnson, pianist. It was the first appearance of these finished artists before a public audience in Boise, and the introduction was equally flattering to each.

Mr. Johnson's touch, phrasing and interpretation of the varied and intricate music which composed his numbers was a surprise and delight to everyone who possessed the natural ear and experience to appreciate the work of the cultured artist at the piano. He drew from it the delicate murmurs of love birds, the rippling cadences of the waves on the beach as well as the crescendo crash of the billows wrestling with the winds. Mr. Johnson is from Texas and but recently returned from a five years' course of study under the masters at Leipzig, Germany, and therefore he is a finished artist.

(*The Daily Statesman*, Boise, Idaho, August 18, 1906.)

An audience which packed the Columbia Theatre greeted Mrs. Blanche Irbe Kofoed, one of Seattle's talented vocalists, and Mr. F. Arthur Johnson of Waco, Texas, a rising composer, when they made their initial appearance before a Boise audience last evening. The program, with the exception of one number by Schumann played by Mr. Johnson, was entirely modern. Mr. Johnson played with excellent expression and sentiment,

four of his most charming numbers being his own compositions, his "Barcarolle" being unusually attractive.

(*Seattle Times*, December 21, 1901)

At this concert Mr. F. Arthur Johnson, who is a pupil of Herrmann Scholtz of Dresden, Germany, made his first appearance before a Seattle audience. His renditions of the works of Scholtz, under whom he studied at Dresden, was very much appreciated, as was also "Song of the Nymphs," his own composition. His technique was beautiful and all of his numbers were keenly enjoyed.

(*Waco Times-Herald*, April 6, 1904)

Mr. Johnson was accompanist both for the voice and the violin as well as soloist. This gave the better opportunity to test the thorough conception of his art, the power at one time to thrust into prominence another instrument, and at another, to hold the attention to his own. One feels in listening to Mr. Johnson that he not only reproduces the compositions of the masters, but that he understands them.

(*Marlin (Texas) Democrat*, December 13, 1903)

Prof. Johnson is a pianist of exceptional ability and demonstrated that fact anew last night. It was worth the price of admission to hear him alone. His mastery of technique as well as the higher musical qualifications, were fine and it was a rare treat to hear him.

(*The Crest*, Dallas, Texas, April 16, 1904)

Mr. Johnson, who comes to us from years of study in Leipzig and Dresden, has a remarkably matured musicianship with an unimpeachable clearness of technique and both as soloist and accompanist displayed a mastery of conception of his score.

(*The Lariat*, Waco, May 23, 1903)

One of the features of the program was the work of Prof. Johnson, whose presence at the piano always means much of melody. His rendition of the "Marche Grotesque" received

especial attention from the listeners, and the applause it received was as genuine as it was merited.

(*The Daily Plaindealer*, Grand Forks, N. D., August 31, 1901)

Mr. Johnson is a pianist who is disposed to give the greatest care to the thoughtful interpretation of the work he has in hand, and his playing of the "Humoresque" yesterday evening showed this disposition immediately. Continuing, he brought much of musical warmth into the various numbers of the program, and pleased his audience immensely.

(*Grand Forks Herald*, Grand Forks, N. D., August 25, 1901)

Mr. F. Arthur Johnson, in his rendition of the Sinding number, was very brilliant and effective, and his left hand work was especially good. In fact, all of his playing showed thorough, conscientious training, intelligent conception, and musical spirit, and we hope that he may be heard again soon.

(*Waco Times-Herald*, April 6, 1904)

Mr. Johnson played to advantage on a splendid Knabe Concert Grand piano sent specially for this occasion from Dallas, and proved to us once more that he is a serious pianist and musician, not merely seeking pianistic effects, or display of virtuosity, but an artist, deeply thoughtful. He was at his best in Schumann's "Novelette." Mr. Johnson is also a splendid accompanist.

(*Dallas News*)

"Paderewski charmed an audience of eight thousand souls; little Evelyn Kyger, with her improvisations, charmed Paderewski."

On the evening of April 21, 1902, in Dallas, Texas, Ignace J. Paderewski played before an audience of eight thousand people.

During the day Evelyn Kyger, 11 years of age, accompanied by her father and her teacher, called at the great musician's private car to see him. His unswerving custom is to see no one

on the day of his recitals. His manager refused the little party, but told Mr. Paderewski that a little girl, reputed to be gifted in music, had called to see him. As she lingered a moment the great master of music, who had played before the crowned heads of Europe, with his wife, came from their car to enjoy their evening drive. Upon seeing Evelyn he paused before entering his carriage and asked his manager if that was the child musician. Speaking very graciously to her, he asked her into his car and invited her to sit down at his piano and play for him. Upon hearing her improvisations he expressed himself delighted with her playing. Among other favorable things he said: "She is very talented and possesses a great deal of temperament." Madam Paderewski embraced the child graciously and as a pleasant remembrance of her appreciation, gave her a box of bon bons.

Paderewski, in bidding her adieu, said: "Be good, study hard and some day you'll play for multitudes."

Evelyn's teacher is Mr. F. Arthur Johnson, student of Johannes Weidenbach of the Royal Conservatory of Music in Leipzig, Germany, and of Herrmann Scholtz, pianist to the King of Saxony, at Dresden, Germany.

She is the daughter of Mr. and Mrs. John C. F. Kyger, Waco, Texas.

MR. HARALD R. TECHAU, *Pianoforte*.

Mr. Techau is a native of San Francisco, Cal. At an early age he went to Dresden, Germany, where he had the best of opportunities for music study. He studied for some years with Prof. Eugene Krantz, Director of the Royal Conservatoire, also with Rudolf Rimmel and Herrmann Vetter of that institution and later on with Herrmann Scholtz, the celebrated authority on Chopin. He then went to Leipzig, where he studied with Adolf Ruthardt, Paul Quasdorf, S. Jodan.

Robert Teichmueller and Prof. Carl Wendling of the Royal Conservatory of Music, of which institution Mr. Techau is a graduate. Since his return to America in 1905 he has followed the profession of teaching with success.

MR. LOSH, *Pianoforte, Pipe Organ and Voice Culture.*

Mr. Losh is a native of Maryland. After studying voice culture with Philip Baer, late of Covent Garden Opera, London, and pianoforte with Almon G. Vincent of Leipzig, he went to Germany to continue his music studies during the years 1904-05. While in Leipzig he became a pupil of Fritz von Bose of the Royal Conservatory of Music. He also studied, while there, with M. D. Ewald, voice culture and had private instruction with Prof. Perluse. After Mr. Losh returned to America he was offered the directorship of the school of music in Catawba College, Newton, N. C., where he was a successful teacher for three years. Since that time he has been teaching privately in Hagerstown, Md., and Pittsburg, Pa.

MR. CUPRIEN, *Voice Culture.*

Mr. Cuprien was born in Brooklyn, N. Y., and comes from a music loving family. At an early age he had opportunities to hear good music. In 1895 he went to Europe and studied with Prof. Rebling at the Leipzig Conservatory. He had six years of private study with Boehme-Koehler, a teacher of high proficiency who had Italian schooling. He studied all the modern and classic composers embracing the oratorios and operas from Mozart to Wagner, including the modern Italian composers. He had dramatic instruction with Herrmann Proft and opera coaching with Goldberg of the Leipzig Opera. Mr. Cuprien sang the solo parts of Becker's Oratorio, "Selig aus Gnade," in the St. John's Church in Leipzig, and often appeared in other oratorios and concerts. He sang the solos in Mendelssohn's Elijah in Coethen and in Chemnitz he appeared in

concert with the Chemnitz Orchestra. The famous Gewandhaus director, Arthur Nikisch, for whom he sang, had nothing but words of praise for him. Mr. Cuprien taught in Leipzig, and since his return to America in 1907 he has been a successful teacher in Waco, Texas.

AUGUSTUS C. ROTHE, *Instructor of Violin and Theory.*

Mr. Rothe is a native Texan and began the study of music at an early age. In 1898 he went abroad and entered the Royal Conservatory of Music at Leipzig, Germany, where he studied violin with the famous pedagogue, Prof. Hans Becker, Theory of Music with Paul Quasdorf and Pianoforte with Alois Reckendorf. In 1899 he became a private pupil of Prof. Hans Becker, remaining in Leipzig, the great German musical center, for eight years continuing seriously the study of music. During the last few years of Mr. Rothe's student life abroad he organized among his colleagues a string quartet and a trio for his own pleasure and the familiarization of ensemble literature. After returning to America Mr. Rothe has followed the profession of teaching and has taught successfully for five years in Waco, Texas.

QUOTATION FROM A LETTER

The following is a quotation from a letter given to Mr. Rothe by Dr. S. P. Brooks, President of Baylor University, Waco, Texas:

"I beg to say that I have a high personal regard for your proficiency and faithfulness as a teacher and shall be glad to commend you and assist you wherever you shall go and you will do me a favor to call on me if I can help you. I regret that you will not be with us another year. Very truly,

"S. P. BROOKS, *President.*

"March 26, 1909."

EQUIPMENT

The University has purchased direct from the factory twenty-five Knabe upright pianos for practice purposes and three grand pianos, one of which is a full sized concert grand for recital and concert purposes. The practice rooms are sound proof, well ventilated, steam heated and well lighted. The practice pianos are kept in good tune. There are also several violin practice rooms in the Music Hall. A practice monitor keeps a record of the student's attendance and work.

PIANOFORTE

MR. JOHNSON, MR. TECHAU AND MR. LOSH

First Grade.—Gurlitt, Op. 83; Koehler, Op. 50; Doering, Op. 76; Duvernoy, Op. 176; Burgmueller, Op. 100.

Second Grade.—Brauer, Op. 15; Dussek, Op. 20; Clementi, Op. 36, 37, 38; Sartorio, Op. 214; Loeschhorn, Op. 65; Diabelli, Op. 151, 168; Lemoine, Op. 37; Reinecke, Op. 77.

Third Grade.—Duvernoy, Op. 120; Doering, Op. 8; Kuhlau, Op. 20, 55, 59; Berens, Op. 61; Doering, Op. 38; Czerny, Op. 821; Bertini, Op. 29, 32; Reinecke, Op. 47; Koehler, Op. 60.

Fourth Grade.—Krause, Op. 2; Haydn and Clementi Sonatas; Czerny, Op. 299; Grieg, Op. 19, 28, 43; Herrmann Scholtz, Op. 2, 3, 7; Berens, Op. 88; Heller, Op. 45, 46, 47; U. Seifert, Op. 48.

Fifth Grade.—Hasert, Op. 50; Loeschhorn, Op. 66; Doering, Op. 24; Clementi, Haydn, Mozart and Beethoven Sonatas; Modern Compositions by Grieg, Tschaikowsky and Moskosky.

Sixth Grade.—Loeschhorn, Op. 67; Czerny, Op. 337; H. Scholtz, Op. 31, 65; MacDowell, Op. 51; Compositions by Sinding, Rheinberger, Schumann and Chopin.

Seventh Grade.—MacDowell, Op. 39; Bach Two-part Inventions; Cramer Studies; Kleinmichel, Op. 57; Compositions by Mendelssohn, Schubert, Reinecke, Beethoven and Brahms.

Eighth Grade.—Czerny, Op. 740; Cramer Studies continued; Bach Three-part Inventions; Clementi, Gradus ad Parnassum; More Difficult Compositions of MacDowell, Chopin, Schumann and Beethoven.

Post-Graduate.—Chopin Studies; Moscheles, Op. 70; Bach, Well-Tempered Clavichord; Concertos by Mozart, Beethoven, Mendelssohn, Grieg, Schumann and Tschaikowsky.

REQUIREMENTS FOR GRADUATION

In this department the requirements for graduation are as follows:

Eight grades, as stated in the Catalogue, must be completed; also the full course in Harmony.

A recital played from memory must be given by each graduate. The program must consist of at least nine compositions, three of which must be of the same grade of difficulty as those of the following list. These three compositions may or may not be chosen from this list. This will be decided by the instructor, according to the needs of the pupil: Any Bach Prelude and Fugue from the well-tempered clavichord; Any Beethoven Sonata.

The more difficult Haydn, Mozart, Clementi, Hummel and other classic sonatas.

Schumann, Op. 12, Op. 18, Op. 21; Weber, Op. 62, Op. 72; Perpetuum mobile; Chopin, Ballade, Op. 47, Nocturnes, Polonaises, Impromptus, Berceuse, Op. 57.

Mendelssohn, Op. 14, Op. 16; Grieg, Op. 35, Op. 65, No. 6, In the Whirl of the Dance, Op. *posth*; Herrmann Scholtz, Op. 31, Op. 65, Op. 71.

All music graduates will be required to qualify for entrance

in the Freshman class in English, General History and Elementary Physics.

A course of study is offered to those desiring to take the B. Mus. degree.

A Certificate of Proficiency will be granted to music students who have complied with all requirements for graduation, excepting the eighth grade and the graduating recital. Such students, however, must have played at least twice in student recitals.

MUSIC CREDITS FOR PIANOFORTE

Realizing the value of music study to general education, the faculty of the University has decided to allow fifteen credits toward the A. B. degree for work completed in this department as per schedule below. Such credits are, however, available only to graduates of the Conservatory of Music.

First Grade.....	1 credit
Second Grade.....	1 credit
Third Grade.....	1 credit
Fourth Grade.....	1 credit
Fifth Grade.....	2 credits
Sixth Grade.....	2 credits
Seventh Grade.....	2 credits
Eighth Grade.....	3 credits
Full course in Harmony.....	2 credits

THEORY OF MUSIC

MR. ROTHE

Harmony (Judassohn's Method).—This course includes the following subjects: Intervals; Triads and their inversions; Chords of the Seventh and their Inversions; Altered Chords;

Suspensions; Organ Point; Passing and Changing Notes; Modulations and Cantus Firmus. All music students who desire to graduate are required to complete this course.

Counterpoint.—This course requires knowledge of Harmony.

VOICE CULTURE

MR. CUPRIEN AND MR. LOSH

Grade I.—Voice production according to the principles of Italian masters, embracing the fundamental knowledge of proper breathing, correct formation of the vowels; control of breath; and an understanding of tone resonance which is most essential for equalizing the Voice. Physiology of the Voice, Elementary exercises according to the ability of the pupil; Panofka, Book I, Easy Songs.

Grade II.—Scales and various technical exercises for the cultivation of flexibility, Concone, Panofka, Book II, Sieber, English Songs and Ballads.

Grade III.—Former work continued with more attention to pure tonal quality. Marchesi, advanced studies in connection with a higher grade of songs.

Grade IV.—Nava, Vaccai and Viardot Studies; Songs by English and German Composers, with particular care taken to master the vowel and consonant articulation, phrasing, etc.

Grade V.—Lamperti Studies and more difficult vocalise continued; collection Luetgen, Mendelssohn Songs.

Grade VI.—Lamperti Daily Studies, Scales, Arpeggios, Staccato, Portamento, Legato, Lablache, Trill Studies, Songs and Arias, French Composers.

Grade VII.—Studies by Aprile, Bordogni, S. Marchesi, Lamperti Bravura, Pietro del Winter, Italian pronunciation, Italian Songs with special attention given to the control of the breath, Solfeggi fugati, Porpora, 1686-1767.

Grade VIII.—A general review of all former work with accurate attention given to correct pronunciation, interpretation, etc.

Graduates in Voice must have completed eight grades as stated in the Catalogue and have a general knowledge of Classic and Modern Music; four grades in Pianoforte; the full course in Harmony and proficiency in Sight Singing.

The graduate must be able to sing Arias from Opera or Oratorios from memory and songs by composers of merit, such as Schubert, Schumann, Franz, Brahms, Grieg, Massenet and Tschaikowsky.

All music graduates will be required to qualify for entrance in the Freshman class in English, General History and Elementary Physics.

The Post-Graduate Course is a continuation of former work of a higher standard, enlarging the repertoire.

The Conservatory of Music has its various clubs which are free to the music student: The Glee Club, a mixed chorus, a male quartet and a girls' quartet.

A class in Sight Singing will be organized and will meet twice a week.

Music credits towards the A. B. degree for Voice:

First Grade.....	1 credit
Second Grade.....	1 credit
Third Grade.....	1 credit
Fourth Grade.....	1 credit
Fifth Grade.....	1 credit
Sixth Grade.....	1 credit
Seventh Grade.....	2 credits
Eighth Grade.....	2 credits
Full course in Harmony.....	2 credits
Four grades in Piano.....	2 credits
Sight Singing.....	1 credit

VIOLIN

MR. ROTHE

First Grade.—Half-tone system, Op. 2, Book I; Bow-Technic, Books I-II, by O. Sevcik, First Position.

Second Grade.—Scales and Studies in all Major and Minor Keys, Op. 39, Books I, II and III, by J. Dont; Second and Third Position; Book I, by H. Ries; Violin Duets, Op. 8, by Pleyel.

Third Grade.—Schradiack's Exercises; Position Studies, Part II, by H. Ries; Studies in combining the Lower Positions, Op. 38-a and 38-b, by J. Dont; Solos by C. Bohm, G. Papini, etc., with piano accompaniment.

Fourth Grade.—Sitt Scales and Arpeggios; Schradiack's Exercises continued; Preparatory Studies to Kreutzer and Rode, by J. Dont, Op. 37; Violin Duets, Op. 38, by Mazas; Solos of medium difficulty by Modern Composers.

Fifth Grade.—Sitt Scales continued; Studies by Kreutzer, not including Double Stopping; Concerto by Accolay; Classical Duos.

Sixth Grade.—Double Stopping Etudes by Kreutzer; Studies by Fiorillo; Sevcik Violin Technique, Op. 1, Part I; Exercises in Double Stoppings by Goby Eberhardt; Solos in line with De Beriot's *Airs Varies* and *Scene de Ballet*.

Seventh Grade.—Studies by Rovelli; Concertos by Rode, No. 4 and No. 7; Viotti, No. 23; Sonatas by Haydn and Mozart; Sevcik, Op. 1, Part II.

Eighth Grade.—Caprices by Rode; Concertos by De Beriot; Sonatas by Beethoven; Morceau de Solon.

Ninth Grade.—(*Post-Graduate.*)—Studies by Gavinies (*Les Vingt-quatre Matinees*); Concertos by Bach, Mozart and Mendelssohn; Solos by Wieniawsky; Sevcik, Op. 1, Part III.

Tenth Grade—Etudes and Caprices by J. Dont, Op. 35; Caprices by Paganini; Studes d'Artiste by Mazas; Solo Sonatas by Bach; Concertos by Beethoven, Vieuxtemps and Bruch; Solos by Ernst and Sarasate.

REQUIREMENTS FOR GRADUATION

In this department the requirements for graduation are as follows:

Eight grades, as stated in the Catalogue, must be completed: The full course in Harmony and two grades in Piano. A recital must be given by each graduate.

The program must consist of a Concerto in line with de Beriot's; a classical Sonata, Beethoven, Mozart, or Haendel, and a number of shorter compositions by modern and classic composers.

Students will be required to qualify for entrance in the Freshman class in the following subjects: General History, Elementary Physics, and English.

Music credits toward the A. B. degree for Violin:

First Grade.....	1 credit
Second Grade.....	1 credit
Third Grade.....	1 credit
Fourth Grade.....	1 credit
Fifth Grade.....	2 credits
Sixth Grade.....	2 credits
Seventh Grade.....	2 credits
Eighth Grade.....	2 credits
Full Course in Harmony.....	2 credits
Two Grades in Piano.....	1 credit

NOTE.—An Orchestra will be organized.

PIPE ORGAN

MR. LOSH

It is necessary for the student of Organ to have had some preliminary Pianoforte study. The following literature is used: Merkel's Organ School, Pedal Studies of Schneider, Hesse, Pedal Studies and Preludes, Mendelssohn's Preludes and Fugues and Sonatas, Preludes and Fugues of Bach, and other compositions by Eberlin, Merkel, Rembt, Fisher, Rheinberger, Guil-mant, Brosig, Rinck, Thomas, Pachelbel, Mendelssohn, Bach, Schumann, Widor and Saint-Saens.

TUITION

	Fall. Term.	Winter Term.	Spring Term.	Single Month.
Pianoforte with Director.....	\$50.00	\$37.50	\$37.50	\$13.00
Pianoforte with Mr. Techau.....	36.00	27.00	27.00	10.00
Pianoforte with Mr. Losh.....	32.00	24.00	24.00	9.00
Harmony in Class with Mr. Rothe	16.00	12.00	12.00	5.00
Harmony, Private Lessons, with Mr. Rothe.....	28.00	21.00	21.00	8.00
Voice Culture with M. Cuprien	40.00	30.00	30.00	11.00
Voice Culture with Mr. Losh.....	32.00	24.00	24.00	9.00
Violin with Mr. Rothe.....	40.00	30.00	30.00	11.00
Pipe Organ with Mr. Losh.....	32.00	24.00	24.00	9.00
Sight Singing.....	8.00	6.00	6.00	3.00

HALF TIME STUDENTS

Students taking half time in Music will be charged sixty per cent of the regular full time rate.

RECITAL ANNOUNCEMENT

(*Waco Times-Herald*, February 27, 1910)

On Monday, February 28, at 8 o'clock, Mr. F. Arthur Johnson, Director of Music at Baylor University, will give a

piano recital of Swedish-Norwegian Music free to the public, and all are cordially invited to attend. Mr. Johnson is well known in Waco and has, for a number of years, been closely identified with the best musical circles of the city. He has always been generous to the public with his beautiful gift and that he has consented to give a whole recital for the pleasure of Waco's music lovers is only another evidence of his altruistic spirit. Waco has learned to love his music and consequently a large audience will be present to hear the program.

PIANO RECITAL

GIVEN BY

MR. F. ARTHUR JOHNSON

AT

CARNEGIE LIBRARY, WACO, TEXAS

FEBRUARY 28, 1910

SWEDISH-NORWEGIAN PROGRAM

I

Sonata—Opus 7 Grieg
 Andante Molto
 Menuett
 Molto Allegro

II

a. Crescendo Lassen
 b. Melodie Sinding
 c. Marche Grotesque Sinding

III

Swedish Folk Songs, arranged for piano

- a. Vermelands-visan
- b. Gammal Marsch
- c. Det star ett ljus i Oesterland

IV

- | | | |
|----|--------------------------------------------|--------------|
| a. | Marche Funebre | <i>Grieg</i> |
| b. | Erotique | <i>Grieg</i> |
| c. | Humoresque, Op. 6, No. 2 | <i>Grieg</i> |
| d. | Notturmo | <i>Grieg</i> |
| e. | Humoresques, Op. 6, Nos. 3 and 4 | <i>Grieg</i> |

V

- | | | |
|----|---------------------------------|-------------------|
| a. | Swedish Wedding March | <i>Soedermann</i> |
| b. | Tone Poem | <i>Sjoegren</i> |
| c. | Erotique | <i>Sjoegren</i> |

MUSIC NOTES

"Music hath charms."

HARMONY

No music student is well equipped without a thorough knowledge of Harmony.

FACULTY CONCERTS

The Music Faculty will give occasional concerts during the school year. These concerts will be free to the music students. Hearing good concerts is a decided aid to the serious music student from an educational standpoint.

STUDENT RECITALS

Student recitals will be given. These are particularly beneficial in cultivating confidence for public playing or singing as all students will give their part of the program from memory. Not only the advanced students, but those in the easier grades will be given the opportunity to take part in recital programs.

"Time is the soul of music."

MATRICULATION

Music students should matriculate on the first day of each term.

TUITION

Tuition is payable strictly in advance and the music student must present a matriculation card from the Registrar's office to the Director before lesson hours can be assigned.

GRADUATION

In all but very exceptional cases, students already advanced when entering the Conservatory of Music will be required to spend two full years before they can graduate.

MUSIC STUDY

Concentrated thought should form the basis of all music study.

HARMONY

Harmony will be taught in class. Private lessons in Harmony will be given to those preferring them.

PRIVATE LESSONS

Private lessons of two half hours per week are given to all student in Pianoforte, Voice Culture, Violin and Pipe Organ.

DIPLOMAS

A diploma is granted to music students.

HARMONY

New classes in Harmony are formed at the beginning of each term.

RULES AND REGULATIONS

All rules and regulations governing students of the University apply to the students of the Conservatory of Music.

BEGINNERS

Beginners are always welcome, and for such there will not be any entrance requirements. Preparatory students will receive special attention and parents will find it greatly to their advantage to enroll their children in the Conservatory of Music.

ABSENCE FROM LESSONS

If students are absent from their lessons the lessons will not be made up. If lessons are lost on account of the absence of the instructor the lessons will be made up.

CONSERVATORY ADVANTAGES

The Conservatory of Music offers exceptional advantages to the student who desires to study music as a profession and affords every facility to those who study music as a part of a liberal education.

TIME OF ENTRANCE

Music students may enter any of the departments at any time, but it is advisable to enter at the beginning of the school year.

STUDENT RECITALS

Pupils are required to take part in recitals when requested to do so by their instructor.

NATIONAL HOLIDAYS

The Conservatory of Music will observe all National holidays, and no refund will be granted for lessons missed on these days. Also, no refund for lessons missed during the regular examinations which occur on the last three days of each term.

LIBRARIES AND SOCIETIES

The city and college libraries and also the literary societies of the University are open to all music students.

PUBLIC PLAYING

Music students are required to have the consent of their instructor and the Director if they wish to take part in public concerts not given in connection with the Conservatory of Music.

SCHOOL OF ORATORY

CLYDE BATSELL REEVES

HARRY TRUMBULL SUTTON

GENERAL OUTLINE

The instruction of the department will include the art of Public Speaking, the study of the basic principles which underlie the Philosophy of Expression, Physical Culture, Dramatic Training, Elocution and the writing and delivery of Formal Orations.

The aim of the work, at all times, is to make natural readers and speakers and to discourage artificiality and imitation. Principles of thought and expression are established and applied by the student to selections of oratorical worth. The system teaches that there can be no right speaking without right thinking, and that the way to secure right thinking is to enlarge the powers of observation, memory and reason.

Stress is laid on originality in the interpretation of thought and emotion, expression determined by the thought rather than the form of sentence, rational gestures prompted by impulse, and vocal culture that carries on voice-building and mind-training simultaneously.

In perfecting the young orator special attention is given to the cultivation of physical as well as vocal expression, to aid him in acquiring a cultured voice and a responsive body. "The language by which man's inner life is read, is that of the two natural avenues of expression, voice and gesture, the two powers by which man reveals the entirety of his being." Such exercises are given as will strengthen and free the voice from all imperfections, and enable it to respond to the higher impulses of the soul.

The next important step after the cultivation of vocal ex-

pression is the study of physical expression or gesture. It is the purpose of the teacher to give exercises and movements that will create responsiveness in the nerve centers, and allow the body to move with perfect freedom and ease in response to the mental concept. When the body is cultivated to responsiveness the right mental activity will create the right gesture.

COURSE OF INSTRUCTION

The School of Oratory offers two courses of instruction, viz.:

1. Public Speaking and Debate.
2. Interpretative Reading.

COURSE I

Public Speaking and Debate.—Evolution of Expression, Voice, Gesture, Study of Masters and Masterpieces of Ancient and Modern Oratory, Writing and Delivery of Orations, Hymn and Bible Readings, Extemporaneous Speaking, Debate.

COURSE II

Interpretative Reading.—Evolution of Expression; Prose Forms, Expressive Study of Description and Narration. Poetic Interpretation; study of Epic, Lyric and Dramatic poetry with special reference to the needs of the public reader. Verse forms, tune and rhythm. Impersonation and Monologue, Dialect Studies, Arrangement of Programmes, Abridgement and Adaptation of Selections for Public Reading, Writing of Introductions.

VOICE TRAINING IN COURSES I AND II

Physiology and Hygiene of Voice, Technical Vocal Training, Breath Control; tone projection, development of resonance, flexibility, freedom and power of tone, eradication of faults in use of voice. Articulation, Expressive Voice Culture; Voice as interpreter of mental states, tone color and form, relation of voice to imagination and emotion.

Text Books Used.—Evolution of Expression, four volumes,

Emerson; Perfection Laws of Art, four volumes, Emerson; Psychology of Voice and Gesture, Emerson; How to Teach Reading, S. H. Clarke; Principles of Vocal Expression and Literary Interpretation, Clarke and Chamberlin.

DRAMATIC CLUB

Students of the Junior and Senior Oratory classes are eligible to membership in the T. C. U. Dramatic Club. While we do not offer any course of training for the stage, we believe that work done in dramatics is of great value to the student of the platform in that it develops ease and flexibility of movement, directness of address and a deeper, fuller appreciation to dramatic literature.

RECITALS

Public recitals will be given by members of the department who are prepared, at regular intervals during the scholastic year. The Literary and Debating Societies of the University furnish excellent opportunities for practice in public reading and speaking.

CONTESTS

Students of Oratory have splendid opportunities to measure their skill in the various oratorical contests held throughout the session. In the fall term is held a Declamatory Contest, under the auspices of the three literary societies. The annual preliminary trial for the representation of the University in the State Prohibition Contest comes during the Winter Term. In March is held a similar preliminary for the Inter-Collegiate Oratorical Contest. Excellent prizes are offered in each of these contests. We believe that no school in the country has a more enthusiastic interest in oratorical attainments than has Texas Christian University.

CLASS WORK

In every walk of life it is eminently essential that men and

women should know something of the rules of, and have some practice in, public speaking. Whether one chooses for his vocation law, medicine, theology, teaching or any other of the professions, he will find himself seriously handicapped if he has not spent some time upon the forms of public address. While a really great orator is as rare as a really great artist, still, all who possess a good literary foundation, strong determination and quick powers of thinking, may become good speakers. Constant practice based on hard thought and a constant effort to improve will make the tyro into a fair speaker, the fair speaker into an adept, sometimes the adept into a champion.

With these facts in mind, and for the purpose of reaching the bulk of the student-body, we have added to the regular work of Oratory two classes in Public Speaking and Debate, offering the ground work of these subjects at a merely nominal figure. These classes will in nowise take the place of the usual private instruction, hitherto offered in this department, since individual training upon selections, declamations, orations and sermons can only be given in private lessons. Still this work will be of value to those who for various reasons find it impossible to take the course more in detail. Regular college credits will be given for these courses.

DIPLOMAS

Students who have satisfactorily completed the prescribed work in either course, made an average grade of B in the quarterly examinations, and further possess a literary education equal to that required for admission to Freshman standing in the College of Arts and Sciences, will receive a diploma of graduation.

SCHOOL OF PAINTING AND DRAWING

DURA BROKAW COCKRELL

KATE N. JACKSON

Recognizing the fact that the study of art should be broad and comprehensive, that creative ability in every individual should be encouraged, and that students should have opportunity to secure the greatest return for the time spent in study, this department has established courses which will not only develop skill in drawing, but will also acquaint students with the fundamental principles of art; with beauty of line, tone and color; and with the best examples of the various phases of art in the world's history. The desire of the department is to offer a means of general culture, and a training that shall lead to fitness in the choice of life work.

COURSES OF INSTRUCTION

The branches of instruction are drawing and painting from antique, life and still-life, outdoor sketching and china painting. Pencil, charcoal, pen and ink, water-color, and pastel are used as mediums.

Antique Class.—Drawing in charcoal from casts which are provided in the studio, including most of the classic models.

Life Class.—Drawing from the living model, including pencil sketches from the full figure with a view to illustration and studies of the head in charcoal with a view to portraiture.

Still-life Class.—Painting from still-life which includes representation and arrangements of objects such as vegetables, fruits, flowers, furniture and things of common interest.

Painting in Oil.—Oil is used as the fundamental medium for the expression of color and is employed in the still-life and life classes.

Water Color.—Water color is used very generally and seems

to be a favorite medium for figures and landscapes.

Pastel.—This medium is used less than the others, but familiarity with its use is required in the regular art course.

Decoration and Design.—Special attention is given to china decoration and original designing is encouraged. Pyrography and Stenciling are given if desired.

Out-Door Sketch Class.—Much importance is attached to the sketch class which meets in the open at least one day each week.

Art History.—Regular students are given free tuition in the Art History class. This class is very beneficial in creating an interest in all that pertains to art and in making one familiar with the best work of the old masters. The "History of Christian Art" is studied, alternating with "Present Day American Artists."

Drawing Class.—A drawing class is provided mainly to meet the needs of the public school children. This class meets two hours each week and gives its members training in the fundamental principles of art.

ART LECTURES

Art lectures and exhibitions will be provided for the students from time to time, and they may also have the benefit of the course of art lectures which is given in the city each winter.

EQUIPMENT

The Art School has well-lighted, well-ventilated and well-equipped apartments, so that there is an atmosphere of beauty and refinement in the surroundings which is very conducive to true art-culture. The studio is well provided with plaster casts, still-life models and reproductions of masterpieces for study. The country closely surrounding the campus is ideal for an outdoor sketching class; the most beautiful phases of nature are close at hand, inviting one's study.

CHINA KILN

The best china kiln is provided by the school, as well as all other conveniences for china decoration. Firing is done as often as the student requires, usually twice a week.

ART CLUB

An Art Club called "The Brushes" is organized for the benefit of all art students. This club has for its object the furtherance of the general art interests of the school and is a source of benefit and pleasure to its members.

EXHIBITIONS

The best work of the students will be exhibited at least once each term, when visitors will be invited. At this time collective criticisms will be given, with recognition of good work by honorable mention.

HOURS FOR WORK

The classes meet five days a week for three hours, both morning and afternoon. The students being given all the help that is consistent with their advancement and care is taken to prepare them for a time when they must work alone.

DIPLOMA OF GRADUATION

A diploma will be conferred upon students who have completed the full three years' course, which comprises work from elementary drawing up to portrait painting. Students will be given full credit for work done in other art schools on presentation of such drawings and letters as give evidence of ability to undertake the work desired.

College of Business

FACULTY

J. A. DACUS, M. Acc'ts,

Penmanship, Office Work, Banking, Advanced Dictation.

R. B. WHITTON, L. B., LL. B.,

Bookkeeping, Business Practice, Business Correspondence, Business Spelling.

ELLA ADAMS,

Shorthand and Typewriting.

Commercial Law and Civil Government.

MRS. JOHN W. KINSEY,

English Grammar.

Commercial Arithmetic.

GENERAL STATEMENT

The Principal of the College of Business gives his entire time to teaching and general supervision. He is assisted by competent teachers in the department, and several of the subjects in both Bookkeeping and Stenography are taught by the regular College professors. In point of equipment, courses, advantages, etc., the College of Business is second to no other similar department or Business College in this part of the country. It is complete within itself.

The purpose of the courses offered in the College of Business is to supply the facilities for the training of young men and women who desire to enter upon business careers; to impart that

knowledge most valuable and essential to all persons seeking an honest living; and, in fact, practically to qualify young men and women for the stern realities of life. Its work is based on the belief that through a study of commercial methods and economic forces, a young man may obtain at least as valuable mental discipline as in the so-called culture studies and in addition will gain practical knowledge and habits of thought that make for efficiency in business. Again its work is based on the demonstrated fact, that every person should have a knowledge of commerce, accounts and finance, because these are necessary elements in every day life. The modern business man needs training of the highest order, combined with a knowledge of the mathematical, physical and social sciences and of their application to commerce and industry. The present age is a commercial one with rapid development of modern industrial processes. The growing demand of the present age is commercial education. The purpose of the College of Business of the Texas Christian University, with its splendid equipment, courses and advantages, is to meet that demand.

LOCATION AND SPECIAL ADVANTAGES

1. The location is most desirable. Fort Worth is an important railroad center, and is accessible from every direction. The University grounds are more than 100 feet above the city, making it not only cool and delightful, but affording a commanding and inspiring view.

2. A well organized Academy makes it possible for a student to review any literary branches in which he may be deficient and at the same time take his business education. Any course in the University, for which the student is prepared, is open to the student of this department. So also are the departments of music, oratory and art open to them. Students of this department may, therefore, with only a slight increase in expenses take almost any work he may desire.

3. The library privileges of the University are open to the students of the Business College.

4. The buildings are commodious and all recitation rooms and dormitory rooms are heated by steam, have electric lights and are supplied with pure artesian water.

5. The young ladies are under the immediate care of a competent lady principal.

6. The students of this department have access to the natatorium and gymnasium, and have on an equal footing all the athletic training of the University.

7. The personnel of the student body is a matter of pride. The majority of the students are young men and women of high ideals and lofty purposes. They are in school because they want an education.

8. The moral and religious tone of the University is of a high order. The University Church, the daily chapel exercises and the student religious organizations provide for the moral and spiritual well-being of the student in an effective way.

9. Considering the advantages offered, the expenses are exceedingly small.

EXPENSES

	Fall.	Winter.	Spring.
Complete course in Accounting, including Banking, Commercial Law and Typewriting	\$25.00	\$20.00	\$20.00
Complete Stenographic Course, including Typewriting and Commercial Law.....	25.00	20.00	20.00
Both the above Courses combined.....	30.00	25.00	25.00
Typewriting, alone.....	4.00	3.00	3.00
Banking alone, complete course.....	10.00		
Typewriter rent.....	5.00	3.75	3.75
Adding machine rent.....	2.50		

Board and Room.....\$17.00 per month
 Books and supplies from \$10.00 to \$18.00, according to work pursued.

PREPARATORY COURSE

For the benefit of those who have been out of school for some time and are "rusty," and for those who are deficient in such studies as Grammar, Arithmetic, Reading, etc., we give a preparatory course. If the student is really deficient, it will require some four or six months' earnest work before he will be able to take up the Business or Shorthand Course, but if he is only "rusty," or deficient in one or two studies he may enter upon a Business or Shorthand course at once, and join these preparatory classes, and make up his deficiencies, and at no additional cost in tuition. This is one of the many advantages the student has here that he can not get at any regular business college. These preparatory classes are taught by our regular literary teachers.

BUSINESS COURSE

Bookkeeping, Business Practice, Commercial Arithmetic, Penmanship, Typewriting, Business Spelling, Commercial Law, Business Correspondence, English Grammar, Civil Government, Office Customs.

BOOKKEEPING AND BUSINESS PRACTICE

The course in Bookkeeping is practical and interesting from beginning to end. It is presented in such a way that the student "learns to do by doing." The work is given in sets representing the general lines of business. It begins with the first principles, namely, teaching the student how to systematically make records of all purchases, whether for cash or an open account, on notes or otherwise; how to record all sales, whether on open account, notes or otherwise. The student is taught early in the course to write such business papers as notes, drafts, checks, etc., and to properly record same. After the basis is laid, he is then given the

first set, which is on the General Merchandising Business. In this set the student is supplied with \$8,000 in College Currency, actually engages in the General Merchandising Business, handles the cash, buys and sells merchandise as the general merchant does, pays rent, salaries, freight, writes out all notes, drafts, checks, etc., for a given time, at which time he is required to render a statement exhibiting total debits, credits, losses, gains, resources and liabilities. Books to be used in this set are Cash, Journal, Sales, Ledger, Invoice Book, Bills Receivable Register and Bills Payable Register. Of course the student has Check Book, Receipt Book, Note Book, and keeps stubs properly filled out in these books. This is a very practical set, and the larger part was taken from a General Merchandising business by Prof. Dacus.

FURNITURE AND CARPET BUSINESS

This is the second set, and represents a partnership business for an up-to-date furniture and carpet house. In this, as in all the work, throughout the entire course, all notes, drafts, checks, and other business papers are written out by the student.

HARDWARE BUSINESS

This is the third set, and the student starts the business with both resources and liabilities on hand. He is expected to adjust these points and run the business for three representative months, making monthly and final statements to the proprietor.

GROCERY BUSINESS

In this, the fourth set, the student is supplied with \$5,000 in College Currency, with which he engages in business. He uses Cash, Journal, Sales and Ledger books. As auxiliaries he may have Order Book, Purchasing Journal, Invoice Book, Customer's Check-up Book, Bills Receivable and Bills Payable Register. He buys groceries in large quantities and sells in small quantities; in other words, runs a retail grocery business

for a certain length of time, making out, of course, all notes, drafts, checks, etc.; and as a corporation is to be formed, he is now instructed to make a full statement showing all debits, credits, losses, gains, resources and liabilities. This is designed to teach the student how to change from an individual business to a corporation business. The books having been closed, nine other persons are here admitted into the business, putting in \$10,000 each, thus organizing a corporation of \$100,000, for the purpose of running a Wholesale Grocery Business. The student is employed as bookkeeper, city and traveling salesmen are employed, books are opened by the student, and the business is conducted for a period of time necessary to familiarize the student with this kind of bookkeeping.

BUSINESS OFFICES

There are several well equipped business offices in this College of Business, such as Merchants' Emporium, Commercial Exchange, Interstate Transportation Office, College National Bank with a capital of over \$1,000,000, Post Office, etc. Throughout the course the student has business transaction daily with each of these offices, and each student is required to spend from one to two weeks in each of these offices; hence, when a student has graduated from this College of Business in Bookkeeping and goes to accept a position he is at home; it is like changing from one office to another; he has "learned to do by doing;" he places money on deposit, discounts notes through the bank, draws drafts on customers, pays freight, receives mail through post office; and, in fact, conducts each class or line of business for which he is bookkeeper in a very business-like manner.

COMMERCIAL ARITHMETIC

Students are supposed to have a fair knowledge of the fundamental principles of Arithmetic before they enter, and the work is given largely to the development of that readiness and accuracy

in Arithmetical calculations which can be attained only by systematic, persistent drill. To this end he receives daily drills in rapid calculations, mental and written. Simple addition at first, and then, as facility is acquired, the work is made gradually more difficult until the student is able to handle very intricate problems with ease, and obtains accurate results. Absolute accuracy is insisted upon first—rapidity next.

In addition to the daily drills in rapid calculations, or rather in connection with them, he takes up the various subjects of Arithmetic of interest to the business man, as Percentage, Practical Measurements, Trade Discount, True and Bank Discount, Commission and Brokerage, Profit and Loss, Interest, Taxes, Storage, Customs and Duties, Partial Payments, Equation of Accounts, Partnership, Settlements, etc., and learns them thoroughly and practically.

COMMERCIAL LAW

The course in Commercial Law covers the subjects of Contracts, Remedies, Defenses, Damages, Negotiable Paper, Interest and Usury, Sale of Personal Property, Chattel Mortgages, Bailments, Guaranty, Shipping, Common Carriers, Agency, Partnership, Joint-stock Companies, Corporations, Leases, Deeds, Mortgages, Highways, and also a short treatise on the various courts, State and National, and pleading and practice.

Special attention is given to the various legal forms in common use, and the student must be able to write any ordinary form off-hand before completing this subject. In addition to the class-work on this subject the student gets a great deal of practical experience in writing up the various forms required in his bookkeeping work.

BUSINESS PENMANSHIP

It is a demonstrated fact that rapid, practical, plain writing cannot be successfully taught from copy-books. For this reason,

we teach the subject from the board, putting great stress on position at desk, movement, form and speed, and as helps, we use pen written copies. Criticisms are freely given and much earnest work is done that we may be able to turn out students who can write a bold, rapid, legible hand. All students cannot become professional, but any earnest student can at least acquire an epistolary style.

BUSINESS CORRESPONDENCE

Before entering upon this subject the student should have a good knowledge of English Grammar. Throughout the entire course he has much need of correspondence; he is, however, taught the various parts of letters, arrangement, folding, inserting, addressing envelopes, and how to enclose commercial papers. The student gets much practice in actually writing letters ordering goods, making remittances, and conducting in a general way all correspondence necessary to carry on the various lines of business for which he is bookkeeper while taking his course. His correspondence becomes a part of his work, and he is graded on it the same as on bookkeeping or other subjects.

TYPEWRITING

We teach both touch and sight typewriting, using the all-finger or scientific method in either case. If the student owns his typewriter or even knows what machine he will use, we require touch typewriting, but if he is uncertain what make of machine he will use after completing his course, then in that case we recommend sight typewriting for a student learning by touch cannot operate all machines with the same ease and advantage as does the student learning by sight, yet the touch method is much better for the student using just one make of machine. A systematic course of lessons is given, including many business letters, common business expressions, tabulating work, etc. Full explanations of the use and care of the typewriter

are given and regular practice periods assigned each student. All work done by each student is filed daily, and at the end of terms bound into book form.

BUSINESS SPELLING

As the heading implies, we teach only business spelling in this department, and this is given to the department as a whole. Regular lessons are assigned with a certain number of words to be looked up daily in dictionary; these lessons are pronounced the following day while each pupil with pencil and tablet is writing the word, exchanges of papers are then made, papers graded, and grades called for. These grades are kept and from them daily reports are obtained. Spelling is the one thing on which almost every one gets "rusty," unless kept "rubbed up" by daily references to spellers and dictionaries.

REQUIREMENTS FOR GRADUATION IN THE BUSINESS COURSE

The work in Bookkeeping is entirely individual, and when the student has done the work outlined, has made passing grade on final examination, and is able to write forty words per minute on typewriter for five consecutive minutes his course is completed, providing, of course, he has a passing grade on all the other studies in the course. The average grade required on all studies is 75 per cent.

AMANUENSIS COURSE

Shorthand, Typewriting, Business Correspondence, Commercial Law, Legal Forms, Spelling, Civil Government, Penmanship, Office Customs and English Grammar.

SHORTHAND

Shorthand is given in sheets, that is, one lesson at a time. We cover the principles in ten lessons. *The First Lesson* is on the consonant alphabet, with necessary practice; *The Second Lesson* is on the vowels, with practice thereon; *The Third*

Lesson is on the diphthongs and word-signs; *The Fourth Lesson* contains comments on the consonants, brief w's and y's; *The Fifth Lesson* explains the circles, loops and translating; *The Sixth Lesson* is an explanation of the halving principle; *The Seventh Lesson* is an explanation of the doubling principle; *The Eighth Lesson* explains the initial hooks; *The Ninth Lesson* explains the final hooks; *The Tenth Lesson* contains a full list of prefixes and affixes. After the principles have been mastered a large amount of practice is given in business letters, legal documents, court testimony, clippings from newspaper, etc., for speed practice.

The students do a great deal of the private correspondence of the Principal of the College of Business, as well as for many of the other teachers and students of the University, and are required to go through much office work in the way of making carbon copies, press copies, filing various classes of papers, writing out deeds, leases, mortgages, articles of agreements, etc., hence, when the student graduates in the Amanuensis Course he is a practical stenographer.

Persons who have started shorthand but have not had the opportunity to finish same would do well to enter the College of Business, as they can get almost any standard system. We teach only one system to beginners, but try to accommodate those who have taken a part of some other system.

TYPEWRITING

Typewriting is taught the same as with bookkeeping, at the beginning, but there is just about double the amount with shorthand. *Much* of the *typewriting* done is the translating of *shorthand*, notes taken in class, at lectures, church, etc. The regular work is graded. Dictation is also given for speed work on the typewriter, and many legal forms are copied from printed forms and from shorthand notes.

BUSINESS CORRESPONDENCE

The student of stenography begins on correspondence just as soon as he is over the principles and starts to write simple letters. He is taught the various parts of letters, scaling on type-writing, and has practical correspondence each day until his graduation.

Commercial Law, Legal Forms, Spelling, Civil Government, Penmanship, Office Customs and English Grammar, same as required for Business Course.

REQUIREMENT FOR GRADUATION IN AMANUENSIS COURSE

All subjects under Amanuensis Course must be completed in a satisfactory manner, and the student must be able to write from new matter 100 words per minute for five consecutive minutes, read same back in five minutes, then translate same on typewriter at the rate of 25 words per minute.

EQUIPMENT

FOR THE BUSINESS COURSE

Each student in this course has a desk with cash drawer, book racks, pigeon holes, paper files, pen racks and waste basket—in short, all the necessary equipment of a business office.

In addition to this, we have a full line of offices that represent the parties with whom the student deals. Each of these offices is equipped with a complete set of books of the loose leaf variety. The bank has just such a set of books as will be found in the National banks of today. In fact, the student who goes out of our College National Bank to work in a regular bank will feel little change in his surroundings, except in the matter of salary.

FOR THE AMANUENSIS COURSE

Each student in this course has a combination desk with a typewriter, copy holder, book racks, pigeon holes, waste basket,

etc., precisely as he would have in a well regulated business office in actual business.

HOW LONG?

This question is often asked. We can only reply that the time required to complete either of the courses depends more upon the advancement and natural aptness of the individual student at the time of entering, and the subsequent industry and faithfulness in performing the work, than upon anything else. The average time for the full course is about a full session of ten months. We have had some who had a good English education to start with to complete it in five months.

POSITIONS

Our graduates are uniformly successful in securing and holding good positions. We use our best efforts in assisting our graduates to lucrative and responsible positions.

The Academy

FACULTY

CLINTON LOCKHART, Ph. D., LL. D.,
President Texas Christian University.

Principal of Academy; History, Civics and Science.

WILLIAM B. PARKS, A. M., Ph. D.,
Science.

CHARLES I. ALEXANDER, A. B., B. S.,
Mathematics.

W. T. HAMNER, A. B.,
English.

JAMES B. ESKRIDGE, A. M., Ph. D.,
Latin.

MRS. JOHN W. KINSEY,
English and Algebra.

MATEO MOLINA, A. B.,
Spanish and French.

*Place to be filled.

THE SCOPE OF THE ACADEMY WORK

In many sections of Texas and adjoining States it is not practicable for young people to have the privilege of a High School course; in others the High School work, as carried on, is not satisfactory to parents. To meet the needs of persons in such circumstances the Academy has been organized. It receives pupils who have finished the regular seventh grade and offers

them a course of instruction equal to that of the best High Schools.

DIPLOMA

On the completion of the Academy course the student receives a diploma that entitles him to enter the College of Arts and Sciences. The diploma stands for the same attainments in scholarship as does that of the best High Schools of Texas.

REQUIRED AND ELECTIVE COURSES

In the Academy all courses in English, American and General History, Mathematics and Sciences are required of each student. In addition he is required to take three years of Foreign Language, two of which must be some Ancient Language and to make a total of fourteen units, which must be completed before graduation.

COURSES OF INSTRUCTION

LATIN

Latin.—No matter what the profession or occupation contemplated, the practical advantage of a knowledge of Latin, not to speak of its disciplinary value, will be felt every day. For this reason, although not required, it is offered as an elective from the beginning of the College Course. The three years of work open to Preparatory students may be briefly outlined as follows:

Latin A.—Hale's First Latin Book; daily exercises at the blackboard, together with the study of forms and quantity. Course to continue throughout the year.

Latin B.—Rolfe and Dennison's Junior Latin Book, including two books of Cæsar's Gallic Wars; prose composition and grammar, Hale-Buck.

Latin C.—Grammar and Composition; Eutropius Nepos and Sallust's Catiline.

GREEK

Greek.—In addition to its importance as a mental discipline, and as a gateway to one of the world's greatest literatures, a course in Greek has distinct values in connection with professional life, especially in connection with the Christian Ministry. The New Testament comes to us in Greek, and he who would understand it must first become proficient in the language of its original.

Two years of work in this department are offered to students of the Academy; this work serving as an introduction to both Classical and New Testament Greek. For particulars, see announcement of courses for the Department of Greek in the College of Arts and Sciences.

MODERN LANGUAGES

GERMAN

German A.—Essentials of German Grammar, composition and reading of easy prose.

German B.—Grammar, German Syntax and more difficult composition. Reading of some three hundred pages of prose and poetry from modern writers.

FRENCH

Elementary Course.—Thorough drill on the elements of French Grammar; pronunciation, dictation, translation of easy English into French, reading of selected short stories.

SPANISH

Elementary Course.—Spanish Grammar, pronunciation, simple dictation, translation of easy English into Spanish, reading of easy Spanish texts.

ENGLISH

No part of this course is of more importance to the general student than that which aims to give him understanding and

control of his native speech. For this reason a liberal share of the time of the Academy pupil must be given to mastering his mother tongue. Three full years of daily recitation in English language and literature are required before graduation from the Academy. In the arrangement of this work for the sake of additional effectiveness, advantage has been taken of such opportunities for variety as the subject affords.

English A.—Fall and Winter Terms: Grammar and Composition. Object of course a thorough mastery of the sentence, its construction and its use. Study of various specimens of good literary expression. Numerous written exercises involving all matters of Punctuation, Capitalization and formal Social and Business Correspondence. Texts, Grammar, Baskerville and Sewell; Essentials of English Composition, Tarbell.

Spring Term: Literary Classics. Careful study of Longfellow's *Evangeline*, and Miles Standish, and Scott's *Lady of the Lake*.

English B.—Fall Term: Elementary Rhetoric. Exercises designed to complete the student's mastery of the more complex sentence-forms. Studies in paragraph-structure. Much practice work with a view of developing "sentence-sense" and an appreciation of the laws of the Principle of Unity and Coherence. Addison's *De Coverly Papers* are studied as examples of prose-style.

Winter Term: Advanced Grammar. Studies of the Principles of English construction completed.

Spring Term: American Literature. Outlines of American Literary History considered. Study of such works as Franklin's *Autobiography*, Irving's *Sketch Book*, Cooper's *Last of the Mohicans*, Hawthorne's *Twice-Told Tales*, Bryant's *Thanatopsis*, Whittier's *Snowbound*, Longfellow's *Hiawatha*, Poe's *Raven*, Lowell's *Vision of Sir Launfal*, Emerson's *Humble-Bee*,

and Each and All, Holmes' Old Ironsides, Chambered Nautilus and One-Hoss Shay.

English C.—Fall Term: English Literature. The history of English Literature in brief. The College entrance requirements in English or their equivalent.

Winter Term: Rhetoric, a continuation of the work of the course of Elementary Rhetoric.

Spring Term: English Analysis, practical exercises in Analysis of complex prose and verse.

HISTORY

The student who enters the Academy is supposed to have completed courses in the history of Texas and the history of the United States. The work in History as offered by the Academy, therefore, is limited to three years' work as follows:

(a). American History and Civics, taught together, full year.

(b). General History (Myer's Revised) as follows: Ancient, Fall Term; Mediæval, Winter Term; Modern, Spring Term.

(c). History of England (Coman and Kendall). Full year, three hours.

MATHEMATICS

The worth of a course of Mathematics at all stages of a student's development calls for a curriculum in which the subject shall have place during each successive year. Such an arrangement obtains in the outline of Mathematics courses for the Academy as here presented.

Mathematics A.—Fall Term: Arithmetic, beginning at Percentage and completing the subject.

Winter and Spring Terms: Algebra, the more elementary processes as treated in a simple text.

Mathematics B.—Algebra through the year. A more advanced course than that offered in Mathematics A.

Mathematics C.—Plane Geometry through the year.

NATURAL SCIENCE

The courses in Natural Science in the Academy cover the same ground as do those of the best High Schools. All classes have the advantage of charts, drawings, collections of specimens and excellent laboratory facilities.

(b). To students of the third Academic year their is offered in the Fall Term a course in Physiology; this is followed in the Winter and Spring Terms by a course in Physiography.

(b). To students of the third Academic year there is offered a year of work in Elements of Physics, a constant factor being laboratory experiments such as is offered by the best High Schools.

UNITS

One hour of recitation daily in any given branch throughout the session of three terms constitutes one "unit." Fourteen units are required for graduation in the Academy.

Outline of Work by Consecutive Years

FIRST PREPARATORY YEAR

DEPARTMENT	FALL	WINTER	SPRING
Classical Language.....	Latin	Latin	Latin
English.....	Grammar and Composition.....	Grammar and Composition.....	Literary Classics.....
History.....	American History.....	American History.....	American History.....
Mathematics.....	Arithmetic.....	Algebra.....	Algebra.....
Natural Science.....	Physiology.....	Physiography.....	Civics.....

SECOND PREPARATORY YEAR

DEPARTMENT	FALL	WINTER	SPRING
Classical Language.....	Latin or Greek.....	Latin or Greek.....	Latin or Greek.....
English.....	Elementary Rhetoric.....	Advanced Grammar.....	American Literature.....
History.....	General History.....	General History.....	General History.....
Mathematics.....	Algebra.....	Algebra.....	Algebra.....

THIRD PREPARATORY YEAR

DEPARTMENT	FALL	WINTER	SPRING
Language.....	Latin, Greek or Mod. Lang.....	Latin, Greek or Mod. Lang.....	Latin, Greek or Mod. Lang.....
History.....	History of England.....	History of England.....	History of England.....
English.....	English Literature.....	Rhetoric.....	English Analysis.....
Mathematics.....	Plane Geometry.....	Plane Geometry.....	Plane Geometry.....
Natural Science.....	Elementary Physics.....	Elementary Physics.....	Elementary Physics.....

EXPENSES

	Fall Term	Winter Term	Spring Term	Per Month
Tuition, Literary department*.....	\$24.00	\$18.00	\$18.00	\$7.00
Music,** Piano, Director.....	50.00	37.50	37.50	13.00
Music, Piano, Mr. Techau.....	36.00	27.00	27.00	10.00
Music, Piano, Mr. Losh.....	32.00	24.00	24.00	9.00
Music, Harmony, private lessons	28.00	21.00	21.00	8.00
Music, Harmony, in class.....	16.00	12.00	12.00	5.00
Music, Voice, Mr. Cuprien.....	40.00	30.00	30.00	11.00
Music, Voice, Mr. Losh.....	32.00	24.00	24.00	9.00
Music, Violin, Mr. Rothe.....	40.00	30.00	30.00	11.00
Music, Pipe Organ.....	32.00	24.00	24.00	9.00
Music, Sight Singing.....	8.00	6.00	6.00	3.00
Oratory, private lessons.....	28.00	21.00	21.00	8.00
Art, Painting and Drawing.....	28.00	21.00	21.00	8.00
Art, China Painting.....	32.00	24.00	24.00	9.00
Complete course in Accounting, Banking, Commercial Law and Typewriting	25.00	20.00	20.00	8.00
Complete Stenographic Course, Typewriting and Commercial Law	25.00	20.00	20.00	8.00
Both the above courses combined	30.00	25.00	25.00	9.00
Typewriting alone.....	4.00	3.00	3.00	1.25
Banking alone, complete course..	10.00			
Typewriter rent.....	5.00	3.75	3.75	1.50
Adding machine rent.....	2.50			
One hour daily in above courses..	8.00	6.00	6.00	2.50
Laboratory Fees, Chemistry.....	5.00	5.00	5.00	.....
Laboratory Fees, Biology.....	4.00	4.00	4.00	.....
Laboratory Fees, Physics	3.00	3.00	3.00	.....

Laboratory Fees, Geology.....	2.00	2.00	2.00	.....
Board	52.00	39.00	39.00	14.00
Room, per pupil.....	20.00	15.00	15.00	5.50

Piano practice: \$1.25 per month for each hour per day.
Maximum \$5.00 per month. Normal tuition, piano or violin,
young pupils for the year \$20.00.

Matriculation fee, including use of Library, Gymnasium,
Natatorium and Physical Culture, for the year \$12.50.

* Ministerial students and children of ministers solely depend-
ent upon the ministry for support, per month \$2.50.

** Half time students will be charged 60 per cent of full rates.

DISCOUNTS

Students in special departments may take studies in the Lit-
erary Department at \$4.00 each for the Fall term and \$3.00
for the Winter or Spring term, or \$1.25 per month. Students
taking full work in two special departments or double work in
one special department will receive 10 per cent. discount on
tuition. For full work in three or more special departments
20 per cent. discount in tuition will be allowed. A maximum
fee for piano rent for unlimited time \$5.00 per month.

SPECIAL NOTICE

All expenses are payable in advance by the term or month at
the option of the student. It is preferred that expenses be paid
by the term, and the rates are made a little lower as an induce-
ment. The entire session of three terms is estimated at ten
scholastic months.

Students having paid board for the term in advance who
leave before the end of the term because of sickness will be
charged board at the monthly rate for the time up to and includ-
ing the week of withdrawal, and the balance paid will be re-
funded. Tuition and entrance fees are not refunded. No stu-

dent is received for less than one term without previous agreement.

The Fall Term is estimated at four scholastic months, and the Winter and Spring Terms at three scholastic months each.

A WORD WITH PARENTS CONCERNING EXPENSES

Sometimes parents complain that it costs too much to send their children away to school, but generally this complaint grows out of the unnecessarily extravagant habits of students, which are permitted by parents. Students write home for money and parents respond when often it would be far better to refuse the request. Inexperienced boys and girls are very poor judges of the amount of money they need for spending, and some fritter away considerable sums in worse than needless ways. Money should be deposited with the school, and it will be paid out as ordered by the parent. Students should not run accounts in stores and parents complain of the bills to the University.

PAYMENTS---SPECIAL NOTICE

The Trustees have ordered that the accounts of a student for tuition, fees, board, room and supplies for each term must be paid within ten days after enrollment, or, otherwise, he cannot hold a place in any class or department of instruction.

AFFILIATED HIGH SCHOOLS

All those high schools in the State of Texas that are affiliated with the State University, partially or fully, are to the same extent considered in affiliation with Texas Christian University. No others are held in this relation. Hereford College and Midland College are correlated with this University by organization and arrangement of courses of study. Any affiliated high school is entitled to a free scholarship for the graduate of highest grade each year, good for literary studies during the following session of the University.

Alumni

NOTE.—A list of this kind requires annual correction, and the Alumni are invited to assist in removing errors.

CLASS OF 1876

J. E. Jarrott, A. B., Prof. Mathematics, Add-Ran College
1877-1879. (Died 1879).

E. Wilsee, A. B., preacher.....Mangum, Okla.

CLASS OF 1877

G. E. Carpenter, A. B., planter.....Plano, Texas

D. F. Goss, A. B., attorney-at-law.....Seymour, Texas

CLASS OF 1879

Lou Carr, A. B., (Mrs. S. J. Bass).....McKinney, Texas

W. H. Gatliff, A. B., physician.....Butte, Cal.

Alfred Irby, S. B., (A. M., *ibid.*, 1892) physician.....

.....Weatherford, Texas

J. H. Smithers, A. B.....Chicago, Ill.

CLASS OF 1880

Geo. C. Cole, A. B., attorney-at-law (died 1903) Dallas, Texas

CLASS OF 1881

C. E. Dunn, A. B., farmer.....Wylie, Texas

J. N. Gambrel, A. B., farmer and stock-raiser.....

.....Prairie Lee, Texas

L. B. Miller, A. B., journalist.....

.....3749 Laclede Avenue, St. Louis, Mo.

A. P. Thomas, A. B., real estate.....Fort Worth, Texas

CLASS OF 1882

L. W. McAdams, A. B., teacher.....Oregon City, Oregon

W. M. Campbell, A. B., physician.....Weatherford, Texas

T. J. McBride, A. B., fruit grower.....Swan, Texas

F. O. McKinsey, A. B., attorney-at-law.....Weatherford, Texas

Josie Scott, A. B., (Mrs. F. O. McKinsey).....
Weatherford, Texas

CLASS OF 1883

K. A. Berry, A. B., (died 1907).....Quanah, Texas
 M. M. Griffith, A. B., merchant.....Ardmore, Okla.
 Minnie Clark, A. B., (Mrs. J. B. Rogers) teacher.....

.....Junction City, Texas
 Belle Oglesby, A. B., (Mrs. Wythe).....Weatherford, Texas
 T. A. Wythe, A. B., real estate dealer.....Weatherford, Texas

CLASS OF 1884

R. H. Bonham, A. B., (A. M., *ibid.*, 1892) teacher.....
Leesville, Louisiana
 C. H. Miller, A. B.....
 C. C. Perrin, A. B., planter.....Celeste, Texas

CLASS OF 1885

J. B. Sweeney, A. B., (A. M., *ibid.*, 1891, LL. D., *ibid.*,
 1905, professor T. C. U. 1895-1900), preacher (died
 1901)Gainesville, Texas

CLASS OF 1886

Effe Wilwee, A. B., (Mrs. J. R. Boyd), teacher of music
 in Add-Ran University, (died 1898).
 G. L. Bush, A. B., (A. M., *ibid.*, 1891), preacher.....
Carrollton, Mo.
 Mattie Gill, A. B., teacher.....Lisbon, Texas
 H. E. Hildebrand, A. B., manager transfer company,
San Antonio, Texas
 T. A. Miller, A. B., M. D., physician.....Corsicana, Texas
 Birdie Nichols, A. B., (Mrs. Caruth).....Yoakum, Texas
 W. B. Parks, A. B., (A. M., *ibid.*, 1892), Ph. D., pro-
 fessor Science Department T. C. U.....Waco, Texas

CLASS OF 1887

Olive Jones, A. B., (Mrs. Millikin), teacher of music.....
Atlanta, Georgia

R. L. Ragsdale, A. B., member Texas Legislature, 1894 to
1900, attorney-at-law (died 1902).....Denton, Texas

CLASS OF 1888

B. Andrews, A. B., merchant.....San Antonio, Texas
Sallie Andrews, A. B.....McKinney, Texas
P. F. Brown, A. B., principal public schools.....Lubbock, Texas
A. I. Hudson, A. B., attorney-at-law.....Dallas, Texas

CLASS OF 1889

Ophelia McMorris, A. B., (A. M., *ibid.*, 1892), teacher
.....San Marcos, Texas
Laura Nichols, A. B., (Mrs. R. L. Ragsdale), teacher.....
.....Yoakum, Texas

CLASS OF 1890

A. Clark, Jr., A. B., (A. M., *ibid.*, 1895), professor T.
C. U. 1896-1898, journalist (died 1903), Amarillo, Texas
Jessie Clark, A. B., (Mrs. Russell).....Comanche, Texas
Claudia Miller, S. B., (Mrs. A. C. Easley).....Waco, Texas
Lucretia Bushwah, S. B., (Mrs. Alfred Irby).....
.....Weatherford, Texas
A. C. Easley, A. B., (A. M., 1893), teller Citizens Na-
tional Bank.....Waco, Texas
F. G. Jones, A. B., teacher.....McKinney, Texas
C. M. Votaw, A. B., attorney-at-law.....Houston, Texas

CLASS OF 1891

C. Elizabeth Clark, S. B., (Mrs. Boyd), clerk county and
district courts.....Lubbock, Texas
J. B. Cook, A. B., cashier First National Bank (died
1899).....West, Texas
William L. Moore, A. B., principal Academy of Lan-
guages.....Mexico
Nellie Lamon, A. B., (Mrs. R. J. Knox), (died 1892)
.....Burnet, Texas

CLASS OF 1892

Ginerva Wood, S. B., (Mrs. Carson), teacher.....	Sherwood, Texas
J. R. Clanton, A. B., druggist.....	Hazen, Arkansas
A. C. Elliott, S. B., editor.....	Hereford, Texas
W. J. Hildebrand, A. B., physician.....	Gonzales, Texas
R. F. Holloway, S. B., teacher John Tarleton College,	Stephenville, Texas
Randolph Paine, A. B., attorney-at-law, 205 Main street,	Dallas, Texas
E. C. Snow, A. M., real estate.....	Donna, Texas

CLASS OF 1893

I. E. Adams, A. B., (A. M., ibid., 1895), merchant.....	Sarcoixie, Missouri
T. M. Clark, L. B., (A. M., ibid., 1894), president Bay View College.....	Portland, Texas
A. J. Cook, S. B., superintendent public schools.....	Seguin, Texas
Trixie Green, S. B., teacher (Mrs. Judge Lively).....	Dallas, Texas
Julia Holloway, S. B., (deceased).....	
Lizzie Thornton, S. B., (Mrs. J. M. Rieger).....	Comanche, Texas
J. B. Rogers, A. B., superintendent public schools.....	Junction City, Texas
J. D. Shaw, S. B., (A. M., ibid., 1897).....	Big Springs, Texas
A. F. Shepard, S. B., deputy county clerk.....	Gilmer, Texas
John C. Smith, A. B., superintendent city schools.....	Vernon, Texas
R. M. Scott, A. B., attorney-at-law.....	Dallas, Texas
Miltie Weatherly, S. B., teacher.....	Grapevine, Texas
Randolph Clark, A. M., professor T. C. U. 1873 to 1896, preacher.....	DeLeon, Texas

Addison Clark, LL. D., president T. C. U. 1873 to 1899,
 president Add-Ran Jarvis College 1900-1909, preach-
 er.....Mineral Wells, Texas

CLASS OF 1894

Pearl J. Boone, A. B., (Mrs. T. J. Grady), teacher.....
Texico, New Mexico
 R. J. Clanton, L. B., druggist.....Dallas, Texas
 R. Carlton Clark, A. B., (A. M., *ibid.*, 1895), professor
 State University.....Oregon
 Ellsworth E. Faris, S. B., A. M., 1907, professor of
 philosophy, T. C. U.....Waco, Texas
 Fannie B. Kemp, S. B., (Mrs. A. F. Sheperd) (died 1905)
Gilmer, Texas
 Maggie P. Lowber, A. M., (Mrs. J. W. Lowber).....
Austin, Texas
 R. L. Miller, L. B., attorney-at-law (died 1896).....
Mathis, Texas
 R. B. Whitton, L. B., teacher.....Waco, Texas
 M. M. Davis, A. M., preacher.....Dallas, Texas
 John T. Moore, A. M., physician.....Houston, Texas
 O. A. Riall, A. M., teacher Carr-Burdette.....Sherman, Texas
 R. Cantrell Scurrah, A. M., (LL. D., *ibid.*, 1896).....
Hull, England
 Lois A. White (Mrs. J. O. Holland), teacher.....Roscoe, Texas

CLASS OF 1895

Lee Clark, A. B., superintendent.....Iowa Park, Texas
 V. Z. Jarvis, S. B., stock-raiser.....Fort Worth, Texas
 George H. Morrison, A. B., preacher.....Abilene, Texas
 Flora Pinkerton, S. B., (Mrs. G. H. Morrison).....
Abilene, Texas
 B. H. Oxford, L. B., attorney-at-law.....Manco, Colorado
 Maud Wood, L. B., (Mrs. W. E. Branch), teacher.....
Sherwood, Texas

Dr. F. D. Green, A. M.....	Denver, Colorado
Dr. George P. Hall, A. M., professor in Medical College	
.....	Galveston, Texas
J. S. Henderson, LL. D., teacher.....	London, England
J. M. Lindsey, LL. D., teacher.....	Hull, England
F. H. Marshall, Ph. D., teacher.....	Enid, Okla.
J. J. Morgan, A. M., teacher.....	Lincoln, Neb.
Samuel Naish, A. M., (LL. D., <i>ibid.</i> , 1897), preacher.....	
.....	Exeter, England
Dr. Clarence Warfield, A. M.....	Galveston, Texas
Thomas C. Woodman, LL. D., teacher.....	Sussex, England

CLASS OF 1896

J. M. Campbell, A. B.....	Anadarka, Okla.
Julia F. Easley, S. B., (Mrs. O. C. Robertson).....	
.....	Iowa Park, Texas
John F. Kemp, A. B., teacher.....	Abilene, Texas
G. A. Lewellen, LL. D., professor Greek, T. C. U.....	
.....	Waco, Texas
Bertha C. Mason, S. B., (Mrs. J. H. Fuller), missionary	
.....	Monterrey, Mexico
May Miller, L. B., (Mrs. R. H. Simmans).....	Dublin, Texas
W. H. Penix, S. B., attorney-at-law.....	Mineral Wells, Texas
Marp Lipscomb, S. B., (Mrs. Wiggins).....	Frisco, Texas
J. F. Anderson, A. M., professor of Science Department,	
Treasurer, T. C. U.....	Waco, Texas
I. M. Cline, Ph. D., Director Weather Bureau.....	
.....	Galveston, Texas
George Fowler, A. M., preacher.....	Roswell, New Mexico
Jesse B. Haston, A. M., preacher.....	Colorado Springs, Colo.
A. M. Logan, A. M., teacher.....	Fargo, N. D.
Lou Ella Clark, A. B., (Mrs. R. F. Holloway).....	
.....	Stephenville, Texas

CLASS OF 1897

Lollie Broad, A. B., (Mrs. Wright)	.....
J. J. Hart, A. B., (A. M., <i>ibid.</i> , 1899), attorney-at-law	.....
	Lubbock, Texas
J. T. McKissick, A. B., (A. M., <i>ibid.</i> , 1904), preacher	.....
	Nashville, Tennessee
A. T. Sherman, A. M.	.....
	Brooklyn, N. Y.
Ira P. Hildebrand, A. B., professor law	.....
	Austin, Texas

CLASS OF 1898

Mary Foreman, A. B., (Mrs. T. G. Easley)	.....
	Munday, Texas
Frank F. Elkin, A. B., banker	.....
	Midland, Texas
Cora Kinnard, A. B., (Mrs. J. J. Hart)	.....
	Lubbock, Texas
R. H. Simmans, A. B., preacher	.....
	Dublin, Texas
W. M. Lawyer, A. M., preacher	.....
	Ellendale, N. D.
W. W. Burks, A. M., preacher	.....
	Parsons, Kan.

CLASS OF 1899

Mamie E. Schaper, L. B., teacher	.....
	Waco, Texas
Bessie R. Clark, L. B., teacher	.....
	Amarillo, Texas
W. T. Hamner, S. B., professor English, T. C. U.	.....
	Waco, Texas
E. R. Cockrell, A. B., professor history, T. C. U.	.....
	Waco, Texas

Claude McClellan, A. B., attorney-at-law	.....
	Coleman, Texas
S. P. Smith, A. M., teacher	.....
	Lindsay, Okla.
J. L. Noblitt, A. M., teacher	.....
	Weatherford, O. T.

CLASS OF 1900

John B. McNamara, A. B., attorney-at-law	.....
	Waco, Texas
John W. Kinsey, A. B., professor education, T. C. U.	.....
	Waco, Texas
Marcellus H. Brasher, A. B., superintendent	.....
	Rosswell, N. M.
John Andrews, A. B., teacher	.....
	Thorp Spring, Texas
D. A. Leak, A. M., principal school	.....
J. W. Littlejohn, A. M., teacher	.....

CLASS OF 1901

Charles I. Alexander, A. B., professor Mathematics, T. C. U.	Waco, Texas
L. Pierce Bailey, A. B., teacher	Waco, Texas
Carr T. Dowell, A. B., professor chemistry	
	Weatherford, Okla.
Robert L. Marquis, A. B., professor biology, West Texas State Normal	Canyon City, Texas
Mrs. Maude W. Marshall, A. B.	Enid, Okla.
Olive McClintic, A. B., professor of oratory	
	Oklahoma City, Okla.
J. Frank Pruett, Jr., A. B., teacher	Walter, Okla.
James N. Wooten, A. B., preacher	Longview, Texas

CLASS OF 1902

Lillie Dell Bates, A. B., (Mrs. Clovis Moore)	
	Valentine, Texas
Ernest J. Bradley, A. B., preacher (A. M., <i>ibid.</i> , 1903)	
	Lampasas, Texas
Virgie N. Gregory, A. B., teacher	Waco, Texas
J. Crockett Mullins, A. B., preacher	Chicago, Ill.

CLASS OF 1903

Effie Jones, A. B., (A. M., <i>ibid.</i> , 1904) (Mrs. Beaman)	
	Carlsbad, N. M.
H. E. Luck, A. B., preacher	Cleburne, Texas
W. F. Reynolds, A. B., preacher	Plano, Texas

CLASS OF 1904

L. G. Ament, A. B., preacher	Tucumcari, N. M.
Wesley Ammerman, A. B., attorney	Fort Worth, Texas
T. N. Goodson, A. B.	Comanche, Texas
H. R. Ford, A. B., (B. D., 1909), preacher	Midland, Texas
R. H. Foster, A. B., attorney	Brownwood, Texas
Everett Jones, A. B., physician	Sherman, Texas
Jeila Jordan, A. B., teacher	Leesville, La.

E. K. Lavender, A. B.	San Marcos, Texas
Lena Lewis, A. B., teacher	Leona, Texas
Hallie McPherson, A. B., teacher	Fort Worth, Texas
Clovis T. Moore, A. B., stock-raiser	Valentine, Texas
Ed S. McKinney, A. B., pastor	Shattuck, Okla.
C. C. Peck, A. B., preacher	Stratford, Texas
B. W. Proctor, A. B.	Mart, Texas
Homer Rowe, A. B.	Dalhart, Texas
Mary Taliaferro, A. B., teacher	Austin, Texas
Polk C. Webb, A. B., preacher	North Waco, Texas
Douglas Shirley, A. B., teacher	Hereford, Texas
James Johnson, A. M., president College of the Bible	
	Melbourne, Australia

CLASS OF 1905

Bessie Coffman, A. B., (Mrs. R. H. Foster)	
	Brownwood, Texas
L. L. Goss, A. B., bookkeeper	Dalhart, Texas
Elster M. Haile, A. B., A. M. 1906, president Hereford College	Hereford, Texas
Annie Maupin, A. B.	Kingston, Texas
Earl Milroy, A. B., A. M. 1906, lawyer	Houston, Texas
Mamie Rattan, A. B.	Cooper, Texas
Pauline Shirley, A. B., A. M. 1906 (Mrs. E. M. Haile)	
	Hereford, Texas
Leroy D. Anderson, A. B., preacher	Palestine, Texas
Alonzo N. Ashmore, A. B., teacher	San Saba, Texas
William C. Barnard, A. B.	Cleburne, Texas
L. Edward Brannin, A. B., physician	Dallas, Texas
Frank Beach, A. B., A. M. 1906, preacher	Anadarko, Okla.
Hardy Grissom, A. B., merchant	Haskell, Texas
Thomas C. Honea, A. B., physician	Cleburne, Texas
Coral Hamlin, A. B., teacher	Mineral Wells, Texas
John W. Smith, A. B., pastor	Brownwood, Texas

Lola Stockton, A. B. (Mrs. W. H. Bruns).....El Campo, Texas
 Zemula Clark, A. B.....Mineral Wells, Texas
 Abdullah Ben Kori, A. M.....Knoxville, Iowa

CLASS OF 1906

Louise Andrews, A. B.....Sherman, Texas
 C. M. Ashmore, A. B. (B. D., *ibid.*, 1910), preacher.....
Rodgers, Texas
 E. C. Boynton, A. B., preacher.....Dallas, Texas
 Bertha C. Bradley, A. B.....Midland, Texas
 W. H. Bush, A. B., banker.....McKinney, Texas
 G. W. Carpenter, A. B., planter.....Plano, Texas
 J. L. Clark, A. B., teacher John Tarleton College.....
Stephenville, Texas
 C. P. Craig, A. B., preacher.....New Franklin, Mo.
 T. S. Graves, A. B.....McKinney, Texas
 J. F. Kinnard, A. B.....Dallas, Texas
 R. B. Muse, A. B., banker.....Fort Worth, Texas
 A. J. Saunders, A. B., preacher.....Chicago, Ill.
 J. H. H. Scales, A. B., real estate.....Brownsville, Texas
 J. H. Sheppeard, A. B., teacher.....Winnsboro, Texas
 M. G. Smith, A. B., preacher.....Leesville, La.
 T. F. Weaver, A. B., evangelist.....Chicago, Ill.
 Mamie Welch, A. B.....Nelta, Texas
 Modena Welch, A. B.....Nelta, Texas

CLASS OF 1907

Ralph V. Callaway, B. D., preacher.....Atlanta, Ill.
 J. F. Quisenberry, B. D., preacher.....Weatherford, Texas
 O. R. Burcham, A. B.....Paris, Texas
 Campbell Carnes, A. B., student medical college.....Dallas, Texas
 W. O. Dallas, A. B., preacher.....Brenham, Texas
 R. C. Garrard, A. B., bank clerk.....Dallas, Texas
 Willena Hannaford, A. B., (Mrs. D. A. Shirley).....
Hereford, Texas

J. R. Muse, A. B., teacher.....	Canton, Mo.
Procter, L. C., teacher.....	Temple, Texas
Mercy B. Perkins (Mrs. Murray Ramsey).....	Austin, Texas
Cecil Wolford (Mrs. R. C. Garrard).....	Dallas, Texas
Robert Williams, Guarantee Bank and Trust Company.....	
.....	Dallas, Texas

CLASS OF 1908

Boegeman, Nona M., missionary.....	Mahoba, India
Hall, Gordon B., journalist.....	Madisonville, Ky.
Harwood, Alex.....	Dallas, Texas
Hunter, Mollie.....	Dallas, Texas
Mills, Ethel (Msr. Ben Gooch).....	San Antonio, Texas
McCulloch, Jennie Vic, A. M., ibid., 1909, teacher.....	
.....	Haskell, Texas
Newlee, Frank Henry, principal public schools.....	Colorado, Texas
Perkinson, Floy B., teacher.....	Taylor, Texas
Rockwell, Roy Elwood, teacher.....	La Junta, Colo.
Tyson, Paul, A. M., ibid., 1909, teacher in T. C. U.....	
.....	North Waco, Texas
Tomlinson, Beatrice Annie (Mrs. C. D. Hall).....	
.....	North Waco, Texas
Tomlinson, Lela May.....	Hillsboro, Texas
Wallace, J. Olen, teacher.....	Lampasas, Texas

CLASS OF 1909

Campbell Barnard, A. B.....	Dallas, Texas
Bertram H. Bloor, A. B.....	Manor, Texas
Bryant F. Collins, A. B.....	Dallas, Texas
Bonner Frizzell, A. B., journalist.....	Waco, Texas
J. B. Frizzell, A. B., teacher.....	Hereford, Texas
Clois L. Green, A. B.....	Vernon, Texas
Howell G. Knight, A. B., journalist.....	Ballinger, Texas
Eula McNeill, A. B., teacher.....	Valley Mills, Texas
James R. McFarland, A. B.....	Ladonia, Texas

Noah C. Perkins, A. B., student	Ann Arbor Law School	
		Ann Arbor, Mich.
Dan D. Rogers, A. B.		Dallas, Texas
Earnest U. Scott, A. B.		Granbury, Texas
Mabel Shannon, A. B., teacher		Hico, Texas
William E. Sturgeon, A. B., principal	public school	
		De Kalb, Texas
Douglas E. Tomlinson, A. B.		Hillsboro, Texas
John C. Welch, A. B., preacher		Lubbock, Texas

Matriculates

Abernathy, Robert E.....	Bonham, Texas
Akin, John.....	Breckenridge, Texas
Alexander, F. W.....	Waco, Texas
Alford, Edna.....	Speegleville, Texas
Allen, Thurman J.....	Coleman, Texas
Allen, Leslie.....	Coleman, Texas
Allison, Odessa.....	Huckaby, Texas
Allison, Vier.....	Huckaby, Texas
Alexander, Mrs. C. I.....	North Waco, Texas
Anderson, Grantland.....	North Waco, Texas
Anderson, Louise.....	North Waco, Texas
Anderson, Ernest.....	North Waco, Texas
Andrews, Maude.....	Waco, Texas
Appleton, Bertie G.....	Hermleigh, Texas
Ashmore, Mrs. Charles M.....	North Waco, Texas
Ashmore, Charles M.....	North Waco, Texas
Baldwin, Mable.....	Haskell, Texas
Baldwin, Marshall.....	Windom, Texas
Baldwin, Preston.....	Haskell, Texas
Barnard, Jane.....	Sabinal, Texas
Barnard, John A.....	Dallas, Texas
Barnett, Lusk L.....	Bonham, Texas
Beal, Ralph.....	Colorado, Texas
Baker, Louise.....	Waco, Texas
Brewster, J. W.....	Waco, Texas
Bateman, John F.....	Eddy, Texas
Blackwell, Joel.....	Cooper, Texas
Boggs, Fred.....	North Waco, Texas
Boone, Lurline.....	Texico, New Mexico

Boyd, Lora.....	Belton, Texas
Bozeman, Herbert.....	Bartlett, Texas
Brewer, Gladys.....	Cleburne, Texas
Britton, Jeffie.....	Fort Worth, Texas
Brous, Gaitha P.....	Thorp Spring, Texas
Brous, Hugh B.....	Thorp Spring, Texas
Brown, Earl.....	Snyder, Texas
Brown, Irene.....	Plainview, Texas
Bryant, Clara.....	Haskell, Texas
Burns, Maude.....	Lubbock, Texas
Bush, Edgar.....	Allen, Texas
Bush, Fred.....	Allen, Texas
Bush, G. E.....	Allen, Texas
Bussey, Charles.....	Hutchins, Texas
Buster, A. L.....	Waco, Texas
Beaty, Adine.....	Waco, Texas
Bean, Beulah.....	Waco, Texas
Callahan, Robert.....	Hondo, Texas
Callaway, Earl E.....	Hoopeston, Ill.
Camp, Bertrand H.....	San Gabriel, Texas
Campbell, James S.....	Waco, Texas
Carringer, Mabel.....	Waco, Texas
Carr, Noel C.....	Plano, Texas
Carpenter, Ora.....	Ferris, Texas
Carson, Robert J.....	Uvalde, Texas
Cartwright, E. B.....	Waco, Texas
Chappell, Vada G.....	Mineola, Texas
Chappell, Grace.....	North Waco, Texas
Chilton, Katie May.....	Goliad, Texas
Churchill, Bertha.....	Brownwood, Texas
Churchill, Ross.....	Brownwood, Texas
Clark, Ione.....	Speegleville, Texas
Clark, Florence.....	Speegleville, Texas

Coffee, Stella.....	Lamesa, Texas
Cole, G. Doyle.....	Belton, Texas
Cooper, Claud W.....	Crowell, Texas
Couch, Bettie.....	Italy, Texas
Cox, Alma.....	North Waco, Texas
Cox, Eulah.....	North Waco, Texas
Crump, Katie Belle.....	Lubbock, Texas
Cruzan, Mrs. Albert.....	Waco, Texas
Cruzan, Evelyn.....	Bethany, Mo.
Crowder, Fred.....	Cooper, Texas
Crowder, Earl.....	Cooper, Texas
Crocker, Calla.....	Route 3, Waco, Texas
Crocker, Ethel.....	Route 3, Waco, Texas
Culpepper, Ada.....	Route 3, Waco, Texas
Cunyus, Floyd.....	Longview, Texas
Dabbs, Howard B.....	Taylor, Texas
Daniel, Milton.....	Waco, Texas
Davis, Marguerite.....	Gonzales, Texas
Davis, Roy.....	Waco, Texas
Davis, Lewie.....	Cleburne, Texas
Dean, T. J., Jr.....	Longview, Texas
Decker, Garnet Opal.....	Dallas, Texas
Denton, Velpean C.....	Lancaster, Texas
Denney, Mrs. Ruth Pate.....	Sulphur Springs, Texas
Diffie, Alfred.....	Detroit, Texas
Dodd, Catherine.....	Lufkin, Texas
Dodd, Chester H.....	Lufkin, Texas
Dodd, Oran A.....	Detroit, Texas
Dodson, A. Ewing.....	Petersburg, Texas
Doherty, John.....	Dallas, Texas
Doss, Carlton E.....	Ringgold, Texas
Duke, Clifford.....	Forney, Texas
Dunnagan, C. A.....	Detroit, Texas

Dupree, W. E.	Waco, Texas
Dugey, Frank Reeves	Waco, Texas
Easley, Sam	Taylor, Texas
Ellis, Norma	West, Texas
Ellis, Velma	West, Texas
Eskridge, Leola	North Waco, Texas
Evans, John E.	Granger, Texas
Farmer, M. Jackson	Colorado, Texas
Ferguson, Clifton	Alpine, Texas
Fields, Charlie	Ladonia, Texas
Forman, Fred	Plano, Texas
Foster, Ida	McKinney, Texas
Foster, Nell	Waco, Texas
Freeman, Allen	Santa Anna, Texas
Frizzell, Sam	Athens, Texas
Fyffe, Orian	Waco, Texas
Fyffe, Farah	Waco, Texas
Gamble, Oscar	Dallas, Texas
Gibbons, Pearl	Sabinal, Texas
Gibson, Kathaleen	Waxahachie, Texas
Gallager, John	Waco, Texas
Gibson, Willie	Copperas Cove, Texas
Goodwin, J. Calvin	Beaumont, Texas
Gibson, Mildred	Waco, Texas
Gough, Leron B.	Hereford, Texas
Gough, Earl	Hereford, Texas
Gough, Irma	Hereford, Texas
Gorman, Nora	Gurley, Texas
Graham, Armon W.	San Saba, Texas
Graves, T. Cullen	Dallas, Texas
Gray, Clydia	Temple, Texas
Greenlee, R. R.	Corsicana, Texas
Hackney, W. Clyde	Wortham, Texas

Hackney, Grace	Wortham, Texas
Haggard, Clint	Plano, Texas
Haggard, Norell	Frisco, Texas
Hailey, Maurine	Forney, Texas
Hailey, Walter	Forney, Texas
Hall, Clarence M.	Madisonville, Ky.
Hall, Julia	Belton, Texas
Hammond, Otho	Waco, Texas
Haney, Elizabeth	Rosenburg, Texas
Hamilton, Monette	Waco, Texas
Hardwick, H. H.	Aquila, Texas
Harphold, E. G.	Dallas, Texas
Harriss, Eva	Ennis, Texas
Hart, Scott	Brad, Texas
Hart, Arch	Brad, Texas
Hart, Mrs. J. J.	N. Waco, Texas
Heath, Vera	Pecos, Texas
Heath, Mary	Pecos, Texas
Heavenhill, Josie	Winters, Texas
Herring, Douglass	Waco, Texas
Higginbotham, Elizabeth	Ennis, Texas
Hill, Angie	Waco, Texas
Holbert, Barney	Wellington, Texas
Holbert, Elsie Mae	Wellington, Texas
Holmes, Paul	Aubrey, Texas
Homan, Carlton	El Paso, Texas
Hooks, T. B.	Donna, Texas
Harton, Irvin	Sterrett, Texas
Houtchens, S. T.	Waco, Texas
Hooten, Clovis A.	Cooper, Texas
Howeth, W. G.	Gainesville, Texas
Hulsey, Burell	Ladonia, Texsa
Herring, Douglas	Waco, Texas

Harding, Mae.....	Waco, Texas
Hunter, Joe.....	Moody, Texas
Hudson, Gladys.....	King City, Mo.
Hurst, Eunice.....	Woodville, Texas
Irby, Alfred.....	Weatherford, Texas
Irby, Willie Ben.....	Weatherford, Texas
Isaacs, E. Burford.....	Midland, Texas
Jackson, Una.....	Alpine, Texas
Jameson, Hallie D.....	Waco, Texas
Jameson, Olive.....	San Antonio, Texas
Jeffrey, Coda.....	Gustine, Texas
Johnson, Octa.....	McGregor, Texas
Johnston, Erford.....	Clovis, New Mexico
Jones, L. P.....	Temple, Texas
Jones, Harry L.....	Marshall, Texas
Jones, H. D.....	Coleman, Texas
Jones, R. B.....	Brownfield, Texas
Jones, Melrose.....	Cotonwood, Texas
Jurney, Mae Belle.....	Waco, Texas
Kerr, Blair.....	Corsicana, Texas
Kinard, Avis.....	Beckville, Texas
Kinsey, Jaunita.....	Waco, Texas
Lamonica, Tom.....	Arlington, Texas
Lavender, H. G.....	Lancaster, Texas
Ledbetter, Clay.....	Speegleville, Texas
Lewellen, Cayce.....	Waco, Texas
Lewellen, Clare.....	Waco, Texas
Lewellen, Elizabeth.....	Waco, Texas
Lewis, Ralph.....	Monterrey, Mexico
Lindley, Dora.....	Peerless, Texas
Little, Add Ran.....	Kennedale, Texas
Lockhart, Naomi.....	Waco, Texas
Logan, Dixie.....	Seymour, Texas

Loggins, Bommie.....	Marlin, Texas
Loggins, Stella.....	Marlin, Texas
McClintock, Nannette.....	Waco, Texas
McCormick, Ralph.....	Corsicana, Texas
McFarland, Gordon.....	Ladonia, Texas
McFarland, Will S.....	Ladonia, Texas
McGregor, Eugene.....	Pendleton, Texas
McNamara, Joe.....	Route 3, Waco, Texas
McNamara, Mike.....	Route 3, Waco, Texas
McNeely, Robert.....	Ft. Worth, Texas
McNeill, Eula.....	Valley Mills, Texas
Mantooth, Robbie.....	Lufkin, Texas
Mantooth, Cleo.....	Lufkin, Texas
Martin, Neta.....	Arlington, Texas
Mason, Fern.....	New Richmond, Ind.
Massie, J. William.....	N. Waco, Texas
Matthews, J. Robert.....	Waco, Texas
Maurer, Elizabeth.....	Eugene, Oregon
Melton, Carl E.....	Allen, Texas
Melton, D. B.....	Allen, Texas
Miller, Mourine.....	Lancaster, Texas
Mills, Richard Coke.....	Waco, Texas
Minier, Justus Rider.....	N. Waco, Texas
Minier, James Rider.....	N. Waco, Texas
Minier, Julian.....	N. Waco, Texas
Molina, Mateo.....	Valencia, Spain
Montgomery, Vera.....	Waco, Texas
Moore, R. D.....	Hamlin, Texas
Moore, Vena.....	Hamlin, Texas
Morse, Eddins K.....	Waco, Texas
Morrow, Daisy.....	Kaufman, Texas
Moses, Clara.....	Burnet, Texas
Marton, L. C.....	Jacksboro, Texas

Minier, Mrs. H. M.	N. Waco, Texas
Miles, Annie Mae	N. Waco, Texas
Morrison, Jack	N. Waco, Texas
Mote, John Benton	Moody, Texas
Mullican, W. K.	Crisp, Texas
Mullins, Genevier	Hubbard, Texas
Munn, Kathleen D.	Houston, Texas
Munyan, A. L.	Marceline, Mo.
Munyan, Mrs. A. L.	Marceline, Mo.
Murrah, Ouida	Granger, Texas
Murray, Joe. J.	Sulphur Springs, Texas
Murphy, Lorena	N. Waco, Texas
Muse, Cavin	Dallas, Texas
Neathery, T. W.	Waco, Texas
Noblett, Louie	Cookville, Texas
Oates, John	Haskell, Texas
Odell, Earl	Haskell, Texas
Odell, Lela	Haskell, Texas
Owen, Willie	Marlin, Texas
Owen, Lizzie	Marlin, Texas
Parks, Ben W.	Lancaster, Texas
Patterson, Lucile	Waco, Texas
Patton, John	Woodson, Texas
Parnell, Vera	Chico, Texas
Peeler, William Fred	Llano, Texas
Pettit, Louise	Cleveland, Texas
Petty, C. M.	Coleman, Texas
Pitts, Leta	Palo Pinto, Texas
Polk, Dovyce	Santa Anna, Texas
Powell, J. A.	Corsicana, Texas
Prothro, George	Longview, Texas
Pyburn, Edward	N. Waco, Texas
Pyburn, Jasper	N. Waco, Texas

MATRICULATES

153

Pyburn, Jno. W.	N. Waco, Texas
Pyburn, Ethel M. Kelly	N. Waco, Texas
Quirey, J. A.	Morganfield, Ky.
Ragle, J. H.	Hubbard, Texas
Ragsdale, Beatrice	Cooper, Texas
Ragsdale, Mrs. J. W.	Cooper, Texas
Rash, Bess	Crowell, Texas
Rattan, Will V.	Cooper, Texas
Rayburn, Ruth	McGregor, Texas
Ray, Artie	Youngsfort, Texas
Ramsey, Jessie	Austin, Texas
Randall, Elmer R.	Thornton, Texas
Reed, Douthitt	Bartlett, Texas
Riter, Aubel	Forney, Texas
Riter, Katharene	Forney, Texas
Riter, Mary	Farney, Texas
Robinson, Hattie	Lubbock, Texas
Robinson, Verne H.	Ennis, Texas
Roberts, Mildred	Patrick, Texas
Rogers, Earl	Milford, Texas
Roper, George	Rosebud, Texas
Rilee, Vera	N. Waco, Texas
Rirs, Allen C.	N. Waco, Texas
Rrs, Mrs. O. B.	N. Waco, Texas
Rtt, Compton	Waco, Texas
Rrpe, Orville M.	Lockhart, Texas
Ropard, Parker	Karnes City, Texas
Rnane, Edgar	Allen, Texas
Res, Ruth	N. Waco, Texas
Rley, Harriett	Hereford, Texas
Ry, Andrew	Creedmore, Texas
Ron, Ed.	Rosser, Texas
Rl, Serena	Rosebud, Texas

Smith, John William.....	Waco, Texas
Smith, O. Alvin.....	N. Waco, Texas
Smitham, Stella.....	Walnut Springs, Texas
Spath, Mattie Lou.....	Artic, New Mexico
Spence, Charlotte.....	San Angelo, Texas
Stark, Paul N.....	Waco, Texas
Stark, Grace.....	Waco, Texas
Starkey, Ermine.....	Jacksonville, Texas
Stevenson, Virginia.....	Cooper, Texas
Steveson, Grundy.....	Cooper, Texas
Stevenson, William.....	Cooper, Texas
Stewart, Grover W.....	Denison, Texas
Stewart, Mrs. J. W.....	Clovis, New Mexico
Stewart, Roscoe G.....	Clovis, New Mexico
Stockton, Gertrude.....	Louise, Texas
Stiles, Cecil.....	Thrall, Texas
Stockard, Mertis.....	Melrose, New Mexico
Sears, O. B.....	Waco, Texas
Stanfield, Scott.....	Snyder, Texas
Schnappe, E. E.....	Waco, Texas
Stirman, Fannie.....	Athens, Texas
Sugg, Adah B.	Waco, Texas
Sugg, Herman.....	Waco, Texas
Swink, Harley.....	Temple, Texas
Swink, Clinton.....	Temple, Texas
Taylor, C. L., Jr.....	Henrietta, Texas
Taylor, Pauline.....	Cameron, Texas
Tennill, William.....	Taylor, Texas
Terrell, Dora.....	Cuero, Texas
Thompson, Helen.....	Del Rio, Texas
Tomlinson, Roy G.....	Hillsboro, Texas
Townsend, Clara.....	Gorman, Texas
Turner, Jno. W.....	Reisel, Texas

Tyson, Amboline.....	Santa Anna, Texas
Tyson, Graham.....	Santa Anna, Texas
Tyson, Paul L.	Santa Anna, Texas
Twyman, Grady.....	Ravenna, Texas
Thomas, Manly.....	Whitewright, Texas
Varnell, Robert.....	Hillsboro, Texas
Vick, Zylpha M.....	Waco, Texas
Wade, Braxton B.....	Elgin, Texas
Wade, Elisha.....	Elgin, Texas
Wade, Libbie.....	Elgin, Texas
Wakefield, Ray S.....	Ponder, Texas
Walton, Winnie.....	McGregor, Texas
Walker, R. M.....	Cooper, Texas
Walker, Elisha Dean.....	Elm Mott, Texas
Walker, Kirtley.....	Forreston, Texas
Webb, Alma.....	Waco, Texas
Webb, Ethel.....	Waco, Texas
Webb, Sue.....	Mart, Texas
Whitton, Mrs. Stella.....	Waco, Texas
Weyms, Carrie.....	Waco, Texas
Westbrook, William.....	Truscott, Texas
Westhoff, E. F.....	La Grange, Mo.
Whittington, Emmett.....	Longview, Texas
Whitton, R. B.....	Waco, Texas
White, J. L., Jr.....	McKinney, Texas
Wilson, Mary.....	(deceased)
Wilkes, Lois.....	Hubbard, Texas
Wilkes, Charles.....	Hubbard, Texas
Willson, W. Boyd.....	Longview, Texas
Winans, Mildred.....	Waco, Texas
Witt, W. P.....	Hutchins, Texas
Wise, Oscar.....	Richland Springs, Texas
Wright, L. C.....	Rosebud, Texas

Wolford, Lucile.....	Allen, Texas
Wolford, Wanda.....	Allen, Texas
Wood, Ollie.....	Woodson, Texas
Woolbright, W. S.....	Quanah, Texas
Wright, E. L.....	Barry, Texas
Wright, Collie.....	Santa Anna, Texas
Yates, Armon.....	Waxahachie, Texas

GRADUATES

C. M. Ashmore, B. D.

SENIORS

T. J. Allen	Myrtle Olga Tomlinson
M. A. Baldwin	Lucile Wolford
G. P. Brous	John Wesley Pyburn
Ada Inez Culpepper	O. Alvin Smith
Howard B. Dabbs	Mrs. Stella A. Whitton
Loy C. Wright	J. William Smith
Barney Holbert	Elizabeth Lewellen

Albert Cruzan

JUNIORS

Grundy W. Stevenson	Will Massey
N. C. Carr	Kathleen Munn
Edgar H. Bush	Clara Moses
Grantland Anderson	Aubel Riter
John Bateman	Braxton B. Wade
Earl Gough	Ethel Webb
Cullen Graves	Robert Abernathy
Kathleen Gibson	Louie Noblett
Clyde Hackney	Elizabeth Higginbotham
Burrell Hulsey	Cavin Muse
Nita Martin	Preston Baldwin

Mary Riter

SOPHMORES

Chas. H. Bussey
 Mabel Baldwin
 Earl Brown
 Bettie Couch
 Milton Daniels
 Leron B. Gough
 Clarence M. Hall
 Mary Heath
 Elisha Walker
 Vera Heath
 Una Jackson
 Joe J. Murray
 Carl Melton
 Scott Stanfield
 Harriet Shirley
 Roy Tomlinson

Graham Tyson
 Oscar Wise
 James L. White
 Ora Carpenter
 John Barnard
 Erma Gough
 Daisy Morrow
 Josie Heavenhill
 Willie Ben Irby
 Boyd Wilson
 Earl Rogers
 Ermin Starkey
 Evelyn Cruzan
 Odessa Allison
 Vier Allison
 John Turner

Parker Sheppard

FRESHMAN

Grady Twyman
 Lusk L. Barnett
 Wanda Wolford
 Ernest Anderson
 Maurine Halley
 Willie V. Rattan
 Benjamin Parks
 Avis Kinnard
 Pearl Gibbons
 Winnie Walton
 Lora Boyd
 W. K. Mullican
 Dovey Polk
 Libbie Wade
 Angie Hill
 Grady Lavender

William S. McFarland
 Maude Burns
 Sam Easley
 Buford Isaacs
 Douthitt Reed
 Ouida Murrah
 Coda Jeffries
 Clydia Gray
 William Stevenson
 Clifton Ferguson
 Stacy Woolbright
 Gordan McFarland
 Grover W. Stewart
 Marshall Walker
 Edward Evans
 Beatrice Ragsdale

Add-Ran College of Arts and Sciences.....	275
College of the Bible.....	56
College of Business—	
Banking	20
Bookkeeping.....	36
Shorthand	10
Typewriting	37

College of Fine Arts—

Oratory	55
Voice	38
Violin	13
Art	27
Piano	64
Harmony	22
Orchestra	17
Mandolin	1
Band.....	14
Choir	24
Chorus	25
Sight Singing	12

Total Enrollment, omitting duplicate names.....	367
-------------------------------------------------	-----

I N D E X

- Academy, 123
 Affiliated Schools, 132
 Alumni List, 133
 Arts and Sciences, Col. of, 33
 Athletics, 27
 Bible, Col. of, 69
 Biology and Geology, 62
 Business, Col. of, 111
 Bulletin, The, 20
 Chemistry and Physics, 59
 Church at University, 23
 Church History, 72
 Calendar, 2
 College of University, 33, 69, 83, 111
 Collegian, The, 21
 Courses of Instruction, 40, 72, 105, 108, 124
 Discipline, 24
 Discounts, 131
 Dormitories, 14
 Education, Course of, 65
 Endeavor Society, 24
 Endowment, 31
 English Courses, 47, 125
 Enrollment, 19
 Entrance Examinations, 35;
 Time of, 37
 Entrance Requirements, 34
 Equipment, 13, 92, 109, 121
 Examinations, 19
 Expenses, 130
 Fine Arts, College of, 83
 French, Courses in, 44, 125
 German Courses, 43, 125
 Government, 17
 Graduate Work, 39
 Greek Courses, 40, 75
 Gymnasium, 15
 Health, 26
 Heating Plant, 15
 Hebrew Course, 75
 High Schools, 132
 History, 51, 127
 History of University, 17
 Horned Frog, The, 22
 Incurable Students, 28
 Laboratories, 15
 Latin Courses, 41, 124
 Lectures, Courses in, 24;
 Special, 80; Art, 109
 Library, 22
 Main Building, 13
 Mathematics, Courses in, 56
 127
 Ministerial Ass'n, 24
 Music Department, 84
 Natatorium, 15
 Oratorical Ass'n, 20
 Oratory Department, 104
 Organ Course, 90, 99
 Painting, School of, 108
 Philosophy, 53
 Piano, 84, 89
 Preaching, 81
 Publications, Papers, 20
 Rank of University, 31
 Reading Room, 22
 Religious Opportunities, 24
 Requirements for Entrance, 34
 Requirements for Graduation,
 37
 Scholarships, 20
 Shorthand, 119
 Skiff, The, 21
 Spanish Courses, 45, 125
 Society Prizes, 20
 Students' Loan Fund, 80
 Summary of Advantages, 29
 Summer School, 29
 Sunday School, 23
 Students Volunteer Band, 23
 Townsend Hall, 14
 Violin Course, 91, 97
 Typewriting, 118
 Voice Course, 90, 95
 Word to Parents, 28
 Water Supply, 27
 Y. M. C. A. 23
 Y. W. C. A. 23



PRINTED BY STUDENTS, AT THE
UNIVERSITY PRINT SHOP

C
T31cH
1910/11

VOL. VIII., No. 3

MAY 1911

Texas
Christian University
Bulletin

CATALOGUE NUMBER

1911.

PUBLISHED BI-MONTHLY

—BY—

TEXAS CHRISTIAN UNIVERSITY
FORT WORTH, TEXAS

Entered as Second Class Mail Matter at the Postoffice at
Fort Worth, Texas.



A CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

Texas Christian University

FORT WORTH, TEXAS

1910---1911

WITH

ANNOUNCEMENTS

FOR

1911---1912

CALENDAR

SESSION 1911-1912.

FALL TERM, 1911

Fall Term Opens.....	Tuesday, September 19
Examinations.....	Tuesday, September 19
Enrollment and Classification..	Tues. and Wed., September 19-20
Meeting of Trustees.....	Tues. and Wed., September 19-20
Convocation Sermon.....	Sunday, September 24
Y. W. and Y. M. C. A. Reception.....	Friday, October 6
Thanksgiving Holiday.....	Thursday, November 30
Art Reception.....	Thursday Afternoon, November 30
President's Reception.....	Thursday Evening, November 30
Add-Ran Literary Society.....	Monday, December 11
Fall Term Ends.....	Friday, December 29

WINTER TERM, 1912

Winter Term Opens.....	Tuesday, January 2
Walton Literary Society.....	Friday, January 26
Meeting of Trustees.....	Tuesday and Wednesday, February 6-7
Clark Literary Society.....	Tuesday, February 20
Washington's Birthday Holiday.....	Thursday, February 22
Annual Oratorical Contest.....	Friday, March 9
Winter Term Ends.....	Saturday, March 24

SPRING TERM, 1912

Spring Term Opens.....	Tuesday, March 27
Recital by Fine Arts Faculty.....	Monday, April 2
Shirley Literary Society.....	Monday, April 9
Roberts Literary Society.....	April 18
Junior Fine Arts Recital.....	Monday, April 23
Joint Session of Literary oSocieties.....	Saturday, June 5
Baccalaureate Sermon.....	Sunday, June 6
Fine Arts Recitals.....	Monday and Tuesday, June 7-8
Choral Concert.....	Tuesday, June 8
Class Day Exercises.....	Wednesday, June 9
Art Reception.....	Wednesday Afternoon, June 9
Meeting of Trustees.....	Wednesday, June 9
Commencement Exercises.....	Thursday, June 10
Alumni Banquet.....	Thursday Afternoon, June 10

SUMMER SESSION 1912.

Summer School Opens.....	Monday, June 14
--------------------------	-----------------

BOARD OF TRUSTEES

EXECUTIVE BOARD.

	Term Expires
T. E. TOMLINSON, Chairman.....Hillsboro,	Texas 1912
VAN ZANDT JARVIS.....Fort Worth,	Texas 1912
T. E. SHIRLEY.....Hereford,	Texas 1913
G. A. FARIS.....Dallas,	Texas 1913
S. M. HAMILTON.....Waco,	Texas 1913
MORGAN WEAVER.....Abilene,	Texas 1913
F. M. MILLER.....Waco,	Texas 1914
GEORGE G. COLE, JR.....Belton,	Texas 1914
S. P. BUSH.....Allen,	Texas 1914
C. W. GIBSON.....Waxahachie,	Texas 1915
DR. H. W. GATES.....Waco,	Texas 1915
H. H. WATSON.....Longview,	Texas 1915
MALCOLM B. REED.....Taylor,	Texas 1912
DR. BACON SAUNDERS.....Fort Worth,	Texas 1915
R. L. COUCH.....Dallas,	Texas 1915
J. L. CASSELL.....Fort Worth,	Texas 1912
J. J. HART,.....Dallas,	Texas 1912
WM. A. WILSON.....Houston,	Texas 1913
H. M. DURRETT.....Fort Worth,	Texas 1913
JAMES HARRISON.....Fort Worth,	Texas 1914
F. G. JONES.....McKinney,	Texas 1914

ADVISORY BOARD—TERM ONE YEAR.

W. P. BEAUMONT.....Waco,	Texas
ED. CASTLEMAN.....Elk,	Texas
A. C. EASLEY.....Waco,	Texas
L. GOUGH.....Hereford,	Texas
J. W. HOLSAPPLE.....Hillsboro,	Texas
DR. J. R. KNIGHT.....Eddy,	Texas
J. H. LOCKWOOD.....Waco,	Texas
J. C. MASON.....Dallas,	Texas
C. McPHERSON.....Fort Worth,	Texas
J. Z. MILLER.....Belton,	Texas
T. S. REED.....Beaumont,	Texas
G. F. STEARNS.....Taylor,	Texas
J. AUSTIN STRANGE.....Waco,	Texas
COLBY D. HALL.....Waco,	Texas
B. C. RHOME.....Fort Worth,	Texas
E. B. RANDALL.....Fort Worth,	Texas
J. M. VINCENT.....Fort Worth,	Texas
W. A. DARTER.....Fort Worth,	Texas
E. M. WAITES.....Fort Worth,	Texas
J. E. DINGER.....Fort Worth,	Texas

TRUSTEES---Continued

B. F. HALL.....	Fort Worth, Texas
LEROY SMITH.....	Fort Worth, Texas
MAJOR J. J. JARVIS.....	Fort Worth, Texas
GENERAL K. M. VAN ZANDT.....	Fort Worth, Texas
J. F. SHELTON.....	Fort Worth, Texas
N. H. LASSITER.....	Fort Worth, Texas
B. L. WOGGOMAN.....	Fort Worth, Texas
DR. R. L. GREEN.....	Fort Worth, Texas
C. I. DICKISON.....	Fort Worth, Texas
W. D. REYNOLDS.....	Fort Worth, Texas
H. W. STARK.....	Gainesville, Texas
J. M. REIGER.....	Comanche, Texas
DR. R. H. GOUGH.....	Hillsboro, Texas

**OFFICERS AND STANDING COMMITTEES OF
TRUSTEES.**

T. E. TOMLINSON.....	President
C. W. GIBSON.....	Vice President
E. M. WAITES.....	Secretary

EXECUTIVE.

T. E. TOMLINSON, Chairman Ex-Officio.	
J. L. CASSELL, Chairman Pro-tem	V. Z. JARVIS
G. A. FARIS	DR. BACON SAUNDERS
C. W. GIBSON	S. M. HAMILTON

FINANCE.

VAN ZANDT JARVIS, Chairman.	
M. H. REED	C. W. GIBSON
JAMES H. HARRISON	GEORGE W. COLE

BUILDING AND GROUNDS.

C. W. GIBSON, Chairman.	
H. W. GATES	J. L. CASSELL
T. E. SHIRLEY	S. P. BUSH

AUDITING.

JAMES H. HARRISON, Chairman	
H. M. DURRETT	F. M. MILLER

FACULTY.

J. J. HART, Chairman	
F. G. JONES	R. L. COUCH
J. L. CASSELL	V. Z. JARVIS

FACULTY

WILLIAM B. PARKS, A. M.,

Acting President and Dean of the University; Professor of Chemistry and Physics.

B. S., Add-Ran University, '86; A. M., *ibid.*, '92; Ph. D., *ibid.*, '94; Student Vanderbilt University, '84-'85; Graduate Student, *ibid.*, first term '86-'87; Harvard University Summer of '88; University of Virginia Summer of '90; University of Chicago Autumn and Winter Quarters, '02-'03; Summer Term, '08; Professor of Natural Sciences, Add-Ran Christian University, '87-'99; Professor of Natural Sciences, Randolph College, '00-'01; Professor Natural Sciences and Mathematics, College at Hereford, '03-'04; Professor in Texas Christian University, '04——).

JAMES B. ESKRIDGE, A. M., Ph. D.,

Professor of Latin.

(A. M., University of Chicago; Ph. D., Cumberland University; Associate Principal East Side Academy, Nashville, Tenn., '91-'94; President Bedford College, Tenn., '94-'96; Principal Springfield Collegiate Institute, Tenn., '96-'97; Professor of Latin and Mathematics in University School, Montgomery, Ala., '97-'98; Professor of Latin in Texas Christian University, '98——.)

*EGBERT R. COCKRELL, A. M., M. L.,

Professor of History and Political Science.

(A. B., Texas Christian University; A. M., Drake University; LL. B., Iowa College of Law; M. L., Iowa College of Law; Graduate Student of University of Chicago, Summer Terms of '01-'02; Graduate Student of Columbia University for the school year of '03-'04, and Winter and Spring of '05; Attorney at Law, Bozeman, Mont., '98; Professor in Texas Christian University, '99-'03; Assistant Pastor First Church of Christ, New York City, '04-'05; Professor in Texas Christian University, '06——.)

† The names in each group are arranged in the order of collegiate seniority.

* On leave of absence.

W. T. HAMNER, A. B.,

Assistant Professor of English.

(A. B., Texas Christian University, '99; Graduate Student, University of Chicago, '03-'04; Superintendent of Public Schools, '85-'95; Assistant Professor in English, Texas Christian University, '98-'00, '02——.)

*ELLSWORTH EUGENE FARIS, A. M.,

Professor of Philosophy.

(S. B., Add-Ran University, '94; A. M., '07; Graduate Student University of Chicago, '01-'02, and Spring and Summer Quarters, '06; Principal of Preparatory Department, Add-Ran University, '94-'95; Missionary to Congo Free State, '95-'04; Associate Editor Christian Courier, '04-'06; Professor of Philosophy in Texas Christian University, '06——.)

CHARLES I. ALEXANDER, A. B., B. S.,

Professor of Mathematics.

(A. B., Add-Ran Christian University, '01; B. S., University of Texas, '02; Graduate Student, University of Chicago, '02-'03; Professor of Mathematics, Jarvis College, '03-'05; Vice Principal and Professor of Mathematics, Hoitt's School, Menlo Park, Cal., '05-'06; Graduate Student, Stanford University, '05-'06; Professor of Mathematics, John Tarleton College, '06-'08; Professor of Mathematics, Texas Christian University, '08——.)

OTIS BURGESS SEARS, M. A., Ph. D.,

Professor of Hebrew and Greek Languages and Literature.

(B. A., Christian University; M. A. and Ph. D., University of Virginia; Student, Christian University, '86-'90; Graduate Student, University of Virginia, '99-'02; Fellow in Greek, University of Virginia, '06-'07; Hopkins Scholar in Greek and Latin, '07-'08; Hopkins Scholar in Political Science, '08-'09; Professor of English, State Female Normal School, Farmville, Va., '02-'06; Acting Professor of Greek, University of Virginia, '06-'07; Professor of Greek, Summer School of University of Virginia, '07; Professor of English, Texas Christian University, '09-'11; Professor of Hebrew and Greek, Texas Christian University, '11——.)

* On leave of absence.

G. A. LEWELLEN, Ph. D., LL. D.,

Professor of English Bible and Church History.

(A. B., Kentucky University, '85; A. M., *ibid.*, '86; Ph. D., Add-Ran Christian University, '96; LL. D., *ibid.*, '97; Graduate Student, University of Chicago, '98; President West Tennessee Christian College, '89-'93; President Bellvue College, Tennessee, '93-'03; President West Kentucky College, '03-'09; Professor of Greek and Church History, Texas Christian University, '09-'11; Professor of English Bible and Church History, Texas Christian University, '11——.)

JOHN W. KINSEY, A. B.,

Professor of Education.

(A. B., Add-Ran Christian University, 1900; Graduate Business Department, *ibid.*, '95; Special Student in Education, University of Texas, Summers of '06 and '07; Principal of Commercial Department, Stephenville (John Tarleton) College, '94-'95; Several Years Principal and Superintendent of Public Schools; Professor of Education, Texas Christian University, '09——.)

HARRY TRUMBULL SUTTON, A. B., B. S., B. O.,

Professor of Homiletics and Assistant in Oratory.

(B. S., Valparaiso University, '88; A. B., Northwestern Christian College, '93; B. O., Drake University, '02; Graduate Student, University of Nebraska, '96-'97; Professor of Oratory, Cotner University, '95-'07; Professor of Oratory and English Literature, Southern Oregon State Normal, '07-'08; Professor of English, Eugene Bible University, '08-'09; Professional Reader of Biblical Literature, '09-'10; Professor Homiletics and Assistant in Oratory, Texas Christian University, '10——.)

W. I. BIRGE, A. B., A. M.,

Assistant Professor of Biology and Geology.

(A. B., University of Texas, '09; A. M., *ibid.*, '10; Assistant Professor Biology and Geology, Texas Christian University, '10——.)

BURTON H. WOODFORD, A. M.,*Professor of Modern Languages.*

(A. B., Hamilton College, Clinton, N. Y., '91; A. M., *ibid.*, '98; Classical Diploma from the Auburn Theological Seminary, Auburn, N. Y., '95; Classical Diploma from the Oswego State Normal School, Oswego, N. Y., '01; Professor of Latin and Modern Languages, University Preparatory School, Tonkawa, Okla., '02-'04; Professor of Latin and Modern Languages, Durant College, Durant, Okla., '05-'07; Professor of Modern Languages, Oklahoma Christian University, Enid, Okla., '07-'10; Professor of Latin, Greek and French, Ogden College, Bowling Green, Ky., '10-'11; Graduate Student in Chicago University, one year; Professor of Modern Languages, Texas Christian University, '11—.)

JESSE LEWIS, A. B.,*Professor of History and Political Science.*

(Graduate Indiana State Normal School, '84; Special Student of History and Political Science, University of Chicago, '92-'93; *ibid.*, Summer of '99; A. B., Indiana University, '01; Principal of Public Schools, '84-'92; Professor of History State Normal School, Warrensburg, Mo., '93-'00; Professor of History, High School, Terre Haute, Ind., '01-'02; Professor of History, State Normal School, Mayville, N. D., '02-'06; Professor of History, State Normal School, Maryville, Mo., '06-'09; Professor of History, Northern Arizona Normal School, January 3 to May 12, '11; Acting Professor of History and Political Science, Texas Christian University, '11—.)

MABEL SMITH,*Assistant in Chemistry and Physics.***EARL ROGERS,***Laboratory Assistant.***FRANK ARTHUR JOHNSON,***Director of Conservatory of Music; Pianoforte.*

(Pupil of Herrmann Scholtz, Dresden; Pupil of Uso Seifert, Dresden; Pupil of Johannes Weidenbach, Leipzig; Royal Conservatory of Music, Leipzig.)

HARALD R. TECHAU,

Pianoforte.

(Pupil of Herrmann Scholtz, Dresden; Pupil of Eugene Krantz, Rudolph Rimmel and Herrmann Vetter of the Royal Conservatory of Music in Dresden; Pupil of Adolf Ruthardt, Paul Quasdorf, S. Jadassohn, Robert Teichmueller, and Carl Wendling of the Royal Conservatory of Music in Leipzig.)

FRANK W. CUPRIEN,

Voice Culture.

(Royal Conservatory of Music, Leipzig; Pupil of Aug. Boehme-Koehler, Leipzig; Pupil of Regisseur Goldberg, Leipzig Opera; Pupil of Herrmann Proft, Leipzig.)

LUCY AULT,

Violin and Theory of Music.

(Conservatory of Music, Cologne.)

CLYDE BATSELL REEVES, A. B., B. O.,

Principal School of Oratory.

(B. A., and B. O., Grayson College, Texas, '00; Graduate Student, Emerson College of Oratory, Boston, '00-'01; Student, Harvard University under Dr. Sargent, '01; Student under Leland T. Powers, '02; Student, New England Conservatory, '03; Student, University of Chicago, Summer '05 and '07; Principal School of Oratory, Grayson College, '01-'07; Principal School of Oratory, Texas Christian University, '07——.)

*DURA BROKAW-COCKRELL, A. B.,

Principal of School of Painting and Drawing.

(A. B., Drake University, '96; Graduate, Drake School of Art, '96; Principal of School of Art, Texas Christian University, '99-'03; Graduate Student, Chicago Art Institute, Summer Terms of '01 and '02; Graduate Student, International Academy of Design, New York Art School and the Art Students' League, '03-'03-'05; Principal of School of Art of Texas Christian University, '06——.)

* On leave of absence.

KATE N. JACKSON,*Assistant in Painting and Drawing.*

(Graduate, Texas Christian University School of Art, '07; Instructor in same, '07-'09; Principal School of Art, Oklahoma Christian University, '09-'10.)

J. A. DACUS, M. Acc'ts,*Principal of College of Business.*

(Student of the University of Arkansas, '93-'94; Graduate Student Draughon's Business College, Nashville, '95; Instructor in Draughon's Business College, Nashville, '95; Principal of Commercial Department, Martin Institute, Jefferson, Ga., '95-'96; Principal Shorthand Department, Draughon's Business College, Texarkana, '96; Proprietor Pottsville Business College, Pottsville, Pa., '97-'99; Organizer of McKinney Business College, McKinney, Texas, '00; Proprietor of Dacus' Business College, Dallas, Texas, '03-'05; Principal of the College of Business, Texas Christian University, '05-'07; Principal of the College of Business, Texas Christian University, '10——.)

Assistant in College of Business.

(To be supplied.)

MRS. JOHN W. KINSEY,*Instructor in the Academy.*

(Student Three Years in Add-Ran Christian University; Student in Several Summer Normals; Teacher Several Years in Public Schools of Texas; Instructor in the Academy of Texas Christian University, '09——.)

C. H. ROBERTS, A. B.,*Principal of the Academy.*

(Student Kansas University; B. S., Kansas Normal College, '87; A. B., Kansas Normal College, '89; Principal Public Schools, Dighton, Kan., '89-'93; Abingden, Ill., '94-'96, Buena Vista, Colo., '96-'97; Superintendent of City Schools, Kingfisher, Okla., '97-'02; Professor of History and Political Science, Central State Normal School, Edmond, Okla., '02-'08; Principal Logan County High School, Guthrie, Okla., '08-'10; Principal of Academy of Texas Christian University, '10——.)

H. W. LEVER, B. S.,*Instructor in the Academy and Director of Athletics.*

(Student Miami University, '04-'05; B. S., Ohio University, '08; Director of Athletics and Instructor of Mathematics, State Normal, Valley City, N. D.; Instructor in Academy and Director of Athletics in Texas Christian University, '11——.)

OTHER OFFICERS OF THE INSTITUTION

JAMES F. ANDERSON,
General Business Manager and Treasurer.

CHALMERS McPHERSON,
Endowment Secretary.

C. I. ALEXANDER,
Secretary of the Faculty.

MISS NELL ANDREW,
Librarian.

MRS. S. E. McKINNEY,
Lady Principal.

MRS. J. T. HOLLIDAY,
Assistant Lady Principal.

MISS ELIZABETH HENDERSON,
Superintendent Piano Practice.

M. E. DANIELS,
Registrar.

C. M. HALL,
Secretary to the President.

STANDING COMMITTEES

CLASSIFICATION AND ADVANCED STANDING

W. B. Parks, *Chairman*

E. E. Faris

W. T. Hamner

BULLETIN

J. F. Anderson, *Chairman*

C. McPherson

PUBLICATIONS

O. B. Sears, *Chairman*

W. T. Hamner

G. A. Lewellen

LIBRARY

E. E. Faris, *Chairman*

J. B. Eskridge

Clyde B. Reeves

AFFILIATED SCHOOLS

J. W. Kinsey, *Chairman*

C. H. Roberts

C. I. Alexander

CHAPEL

G. A. Lewellen, *Chairman*

B. H. Woodford

C. H. Roberts

CURRICULUM AND SCHEDULE

J. B. Eskridge, *Chairman*

Jesse Lewis

O. B. Sears

ATHLETICS

C. I. Alexander, *Chairman*

H. T. Sutton

H. W. Lever

TEXAS CHRISTIAN UNIVERSITY

A BRIEF HISTORY OF THE UNIVERSITY.

In the fall of 1869, during the period of reconstruction in Texas after the Civil War, Addison Clark and Peter Smith opened a private school in the village of Fort Worth. A few months later, the place of Peter Smith was taken by Randolph Clark, a brother of Addison Clark, and the school was conducted by these two brothers until the spring of 1873.

In the fall of 1873, these brothers removed this private school to Thorp Spring, Texas. The new institution was, almost immediately afterward, chartered under the name of Add-Ran College. The character and ability of these teachers, together with the solid worth of the instruction and general advantages offered, attracted an appreciative and increasing patronage. To meet its demands, the modest plans of the beginning were enlarged and more ample buildings were erected; of right, the enterprise flourished.

In 1889 Add-Ran College became the property of the Christian Churches of Texas, the name being changed to Add-Ran Christian University. It continued, however, under the immediate direction of the Clark brothers, maintaining its reputation for scholarly influence, and proving itself to be, even more than before, an institution for which men and women counted it a glory to live lives of devoted self-sacrifice.

In 1895 it was determined to remove the University from Thorp Spring to a more advantageous location, where the life of some city might enlarge the opportunities for culture afforded to the student, and from which the institution might more effectively reach the State at large. Waco was favorably considered. An educational movement on the part of the Methodist Church had established Waco Female College. Financial conditions not being such as to warrant continuance of the enterprise, the property was transferred to the Christian Church. On Christmas day, 1895, the change of location was formally made.

For a time after its removal, the growth of the University

was retarded by such losses and adversities as of necessity attend all transplanting. But with steadfast faith a few heroic souls, chief among whom should be mentioned Thornton E. Shirley, carried forward the work of establishing the institution amid its new surroundings. Their faith and their labors were not unrewarded. Slowly, indeed, but nevertheless surely, the old life, becoming adjusted to the new environment, pulsed with greater and ever greater vigor, until it is now abundantly manifest that the spirit that gave "Old Add-Ran" its splendid integrity of character is dominating the activities of the institution as it advances to possess its larger heritage.

The name "Texas Christian University" was adopted in 1902 to suit the enlarged purposes and work of the school, while the name "Add-Ran" with its multitude of historic associations was retained as the designation of the College of Arts and Sciences, the central college of the University.

The burning of the Main Building, March 22, 1910, together with a liberal offer of money and site by the citizens of Fort Worth, afforded an opportunity to remove the University to a city larger and nearer to the center of patronage.

In going to Fort Worth, one of the most rapidly growing cities of Texas, Texas Christian University has the advantage of contact with one of the largest, most substantial and most prosperous centers of trade and thought in the whole Southwest. This city is well built, well paved and thoroughly up-to-date. As a railroad center of note, it is easily accessible from all quarters. It is well drained, has an abundant supply of the best artesian water; and statistics show that it is one of the most healthful cities in the Union. Before all things else, perhaps, it is a good residence city. Beautiful homes and well-kept lawns and streets testify to the character and taste of its citizens. Its public educational facilities are excellent; in addition it has many private schools and several institutions of higher learning. Without doubt, it is the greatest educational center in the State.

The University is situated on a beautiful elevated place in one of the southern suburbs, about two and a half miles from the Union Station. It is, thus, so removed from the smoke and bustle of the city as to have all the healthfulness and freedom of the country; yet through its connection by electric car line

with the down-town district it is a matter of only a few minutes ride to reach the business center of the city. The campus comprises some fifty acres of land, all of which is to be plotted and adorned by a landscape artist. The buildings are to be tastefully disposed and constructed according to a suitable and uniform style of architecture. The elevation will afford a commanding view of the city beneath and large vistas of the surrounding country.

Thus fortunately situated, Texas Christian University may offer the advantages of both country and city life, the disadvantages of both being eliminated. It is a location that cannot be surpassed.

MATERIAL EQUIPMENT.

MAIN BUILDING.

The main building of the University is constructed of re-enforced concrete faced with brick and trimmed with stone, commodious and comfortable, three stories and basement, with rooms ample for recitation, library, laboratories, offices, chapel, society halls, and, in the basement, a cool dining hall. The entire building is absolutely fireproof.

GIRLS' HOME.

"The Girls' Home," a handsome three-story re-enforced concrete structure, is to be completed by the opening of the Fall Term. Besides presenting a most pleasing architectural effect, outwardly, it is to be a model of beauty and comfort within. In point of elegance and convenience it is probably not surpassed by any similar building in the State. Each room is designed for two occupants, is to be well ventilated, steam heated, supplied with hot and cold water in every room, and electric lighted. The parlor and reception rooms are very attractively furnished. In every way the building is modern, thoroughly equipped and fireproof.

CLARK MEMORIAL HALL.

A three-story brick building, very similar in many respects to the Girls' Home, is to be erected at once for young men, in honor of the two brothers, Addison and Randolph Clark, founders of the institution. It is to have equal conveniences and equipment with the other building. It will probably accommodate one hundred and fifty students.

TOWNSEND HALL.

Townsend Memorial Hall, erected some years ago at Waco, was a monument to the generosity of Mrs. Ed Townsend, of Midland, Texas. It was built in memory of her deceased husband, who was active in every good cause, and whose works do follow him. It is to be duplicated at Fort Worth with enlargement and many improvements. The memorial inscription is to be removed from the old building and set in the wall of the new.

GOODE HALL.

A thoroughly fireproof building of re-enforced concrete structure, three stories and basement, having more than 50 rooms, is now being erected in honor of Mrs. M. A. Goode, of Bartlett, Texas, whose liberality has made its construction possible.

This hall will accommodate all ministerial students. The Board of Trustees will provide a plan by which they have board at cost and rooms at low rates in this building.

HEATING PLANT.

The University owns and operates its own heating and lighting plant. From one set of boilers steam is conducted to all the University buildings, and every room throughout is thus heated by steam. In connection with the boilers of the heating plant, a dynamo is operated, by means of which all the buildings on the campus have electric light service.

LABORATORIES.

The laboratory facilities of the University afford opportunity

for individual experiment and investigation in the fields of Chemistry, Physics and Biology. The aim is to give the student such a first-hand acquaintance with the facts in connection with the subject of study that he may be led to a direct comprehension and immediate knowledge of the laws of nature involved. In each of the laboratories provision is made for carrying out, in full, the courses outlined for its respective department. The advanced courses in Physics are concerned chiefly with matters of quantitative measurement. The biological laboratory, in addition to the apparatus necessary for satisfactory handling of fresh material—much of it may be collected in the immediate vicinity—has in alcoholic preservation a collection of specimens selected with reference to a comprehensive study of the differences as well as the resemblances of many forms of life, from the study of which the student may obtain an intelligent view of the important subject of classification.

CHARACTER AND EDUCATIONAL PURPOSE.

Texas Christian University, owned and controlled by the Churches of Christ in Texas, is the State School of the Disciples of Christ. Its purpose is education in the most complete sense, an education that shall mean the development of the religious and social nature of the student as well as the cultivation of his intellectual, emotional and physical powers. It is a truth established by the experience of the educational world that the most satisfactory results are obtained in schools permeated by a healthy religious atmosphere. It is in such a school that the whole nature of the student may be systematically developed, his powers most effectively quickened and stimulated to action so that he, after school days are over, may most completely and most worthily discharge his duties to society at large.

Such conditions for shaping and inspiring the lives of young people, the Trustees have endeavored to make in Texas Christian University. Having insured amplest accommodations for physical comfort amid surroundings most conducive to intellectual and spiritual growth, they have delegated to the faculty—a body of men and women chosen as representing the best intellectual and spiritual tendencies of the age—the task of so permeating

the entire institution with intellectual, ethical and religious life that the student-body may receive power and inspiration for the realization of the highest ideals.

It is not to be taken that such emphasis on the ethical and religious means a weakening of the tone and quality of classroom work. The University may fulfill her mission only as the highest standards are maintained in all the activities regularly associated with the University idea; it is hoped and expected that *in addition* to what is usual in schools of higher grade, the most beneficent moral and religious influences may be made to tell strongly on the young people in attendance during the critical, formative period of life.

Besides its opportunities for culture and growth, the University offers also courses of training for various activities and occupations, but especially does it emphasize the matter of preparation for all lines of distinctly Christian work; most of all, among those courses of special training, does it call attention to its provision for fitting young men for the Christian ministry; in this field the managing Board can be content with nothing less than the best.

GOVERNMENT AND ORGANIZATION.

When Add-Ran University became the property of the Christian Churches in Texas, delegates from the associated churches assembled in convention, elected a Board of Trustees, each to hold office four years, that should, in the name of the church, control the affairs of the institution. This Board was made self-perpetuating, the term of office for part of the membership expiring each year, the remaining members filling the vacancies by election, provision being thus made for a change of the personnel of the whole Board every four years. The functions of the Trustees were, and are, to provide what in their judgment may be necessary for the effective working of the school, to meet, in as far as financial conditions may warrant, the demands of its growth and enlargement, and to govern either mediately or immediately the institution committed to its charge. Associating with the regular Board, and sharing more or less in the responsibilities, is an Advisory Board, elected or re-elected

annually by the Executive Board.

The immediate government of the internal affairs of the University the Trustees have delegated to a President and Faculty, whose functions and powers are such as usually appertain to Presidents and Faculties in similar institutions. The Trustees, however, reserve to themselves the supreme authority in all things.

In the organization of the University the same principles have been observed as obtained in the organization of the institution at the beginning. Texas Christian University is an association of schools and colleges under one management, directed to one common purpose. To a certain extent they are independent of one another; each has a distinct function, yet all partake of, and contribute to, the life and work of the University. At present there are organized the following colleges and schools; for the particulars concerning each of which see individual section of the Catalogue:

Add-Ran College of Arts and Sciences.

College of the Bible.

College of Business.

College of Fine Arts (including)

School of Music,

School of Art,

School of Oratory.

Academy.

Hereford College, Hereford, Texas.

Midland College, Midland, Texas.

NOTE.—For the sake of convenience and efficiency in administration, the two last named colleges have each more of an independent government than the others, but nevertheless, each is correlated with the University.

GENERAL INFORMATION

EXAMINATIONS.

Examinations are held during the closing days of each term. The grades made in connection with the class standing of the student determine whether or not he passes, an average of 75 per cent being required. In case a student fails to pass, upon request, a second examination may be given after a stated time, if, in the judgment of the teacher, any peculiar circumstances constitute good grounds for such request. All students are required to pay into the treasury of the institution a fee of one dollar for a special or a second examination. Besides the regular examinations, such others, oral or written, as are necessary for purposes of classification will be given to students. All students are required to take the regular examinations.

ENROLLMENT.

Although large liberty is allowed to students in the selection of studies, yet the enrollment committee must pass upon the studies selected before the student enters classes. When once the student has enrolled in any class he is not permitted to drop out without the consent of the Dean and the professor in charge and the payment of one dollar to the Registrar for each subject dropped; if a change is recommended by the teacher in charge, the fee may be remitted by the Dean.

Any student dropping out of a class without the consent of the teacher in charge and the Dean, will by that action forfeit his college standing; this applies to every department in the institution. He can continue in school only by consent to be reclassified by the Dean; to be reinstated he must pay a fee of one dollar for each subject changed.

Students who register after lectures and recitations have begun at the beginning of any term will be charged an extra fee of three dollars for late registration; for unavoidable delays this fee may be remitted at the discretion of the Dean.

Fifteen recitation hours per week give the average student

sufficient work. Not more than eighteen nor less than fourteen hours can be taken without the consent of the enrollment committee and then only on condition that the additional hours be dropped in case the work is not satisfactory to the professors.

Students taking work in the special colleges and schools will be required to regulate the amount of their literary work by the amount of special work given.

SOCIETY PRIZES.

1. *The T. E. Shirley Prize.* The President of the Board of Directors offers annually a \$20.00 gold medal to the student in the Shirley Society making the best grade in scholarship and general work.

2. *The J. T. McKissick Prize.* Mr. McKissick offers ten dollars to the best worker in the Add-Ran Literary Society.

3. *Van Zandt Jarvis Prize.* A ten-dollar gold medal is given to the best worker in Walton Literary Society.

4. *Judge E. H. Smith Prize.* A cash prize of \$50 is awarded for the highest average grade in the Department of Chemistry.

In order to compete for this prize the student must be enrolled for at least one full course (12 hours), *i. e.*, four hours per term for three consecutive terms, in the Department of Chemistry, and an additional amount sufficient to aggregate 14 hours per term, or 42 hours per session.

ORATORICAL ASSOCIATION.

The purpose of this association is to promote oratory in its best sense among its members, and, as far as may be, throughout the school. All oratorical contests are under its supervision, and it elects delegates to the State Oratorical Association, of which it is a member.

THE MABEL SMITH DIAMOND MEDAL.

Miss Mabel Smith, of Fort Worth, of the class of 1911, offers a \$100.00 diamond medal to the successful contestant for the honor of representing Texas Christian University in the Inter-Collegiate State Oratorical Contest.

SCHOLARSHIPS.

One free literary scholarship is awarded to the student making the highest record in the Senior Academy class, and each class of the College of Arts and Sciences. In making this award, proper account is taken of the student's general bearing and conduct.

THE JOHN W. MARSHALL SCHOLARSHIP.

Is awarded annually to the student in the Bible College who makes the highest average.

HIGH SCHOOL SCHOLARSHIP.

A free literary scholarship is given to the honor graduate of any High School that is affiliated with the Texas Christian University.

A LOAN SCHOLARSHIP.

A friend to the institution authorizes two scholarships of \$125.00 each to two students nominated by the Faculty.

UNIVERSITY PUBLICATIONS.

THE BULLETIN.

This bi-monthly periodical is the official medium of communication between the school and its friends. The May number is the annual Catalogue. The other numbers contain announcements; past and future happenings of interest to the patrons; news of Faculty changes, of the work of the churches for the school, the progress of Education Day, plans, improvements, etc. It is well filled with facts that the people ought to know, and told in a style readable and interesting.

The Bulletin will be mailed regularly to every friend who will indicate a desire for it. The University desires to keep its friends informed.

Besides *The Bulletin* and other matter issued by the University authorities, three periodicals reflecting the inner life and various activities of the school are published by the students:

Namely, *The Collegian*, *The Skiff* and *The Horned Frog*.

THE COLLEGIAN.

A conservative journal, representing the best sentiment of the University; edited, published and managed by students in school. This publication is a neat, sane, monthly issue, the pages of which are filled with matter that is readable, wholesome, and of value as an evidence of the work done in the matter of correct composition.

The journal is for the student, and every student who has something to say finds it an excellent medium of expressing himself.

The paper, growing in favor, is finding a larger circle of readers every year, and is doing its part in shaping the thought and sentiment of the student body.

Students, patrons and others wishing to keep in touch with the University would do well to read this magazine.

THE SKIFF.

A weekly publication, popular in character, giving the news of the institution. The paper is growing in favor, and has one of the largest lists among college papers in the State of Texas.

THE HORNED FROG.

This is the College "Annual," and comes from the press near the close of the session. It is a neat book of some two hundred pages, reflecting all sides of college life from its more serious phases to its jokes and pranks which grow out of warm friendships and good-will. It is the one publication which the student feels he must take home with him. It will serve as the best exhibit he can make to his friends of the inner life of the school, and in years to come it will revive the pleasantest memories of his college experiences.

LIBRARY AND READING ROOM.

A large room—24x36 feet—on the ground floor of one wing of the Main Building will be used as a library and reading room.

It will be admirably suited to this purpose, being well lighted and ventilated. Already since the fire a large number of books and magazines have been collected, and other additions will be rapidly secured. The Library Association is planning to purchase at once the leading new books for each department. Though for a time the Library will not be large, it will be at least up to date. This will greatly enhance its value and usefulness as a college working library.

Students in the more advanced classes are sent to the Library to consult reference books and to do collateral reading. The Dewey system of cataloging is used, which renders it the more serviceable. The leading periodicals are kept on file, giving the student opportunity to inform himself of current events. The Library is freely used by an increasingly large number of students. It is open from 8:30 a. m. to 5 p. m., and is in charge of a professional librarian.

RELIGIOUS ORGANIZATIONS.

UNIVERSITY CHURCH.

If possible, there will be a University Church for the benefit of teachers, students and neighbors of the University. It will have preaching twice every Lord's Day by its regular pastor. It will encourage every Christian activity.

SUNDAY SCHOOL.

It is intended that greater effort than ever shall be put forth to make this a model Sunday School. Most of the classes are taught by members of the Faculty, men and women who are well equipped for the work. All members of the University are expected to become members of the school.

STUDENTS' VOLUNTEER BAND.

This band is composed of young men and women who are preparing for work in the foreign field. They have expressed a willingness to go wherever the Foreign Board may deem it best

to send them. They meet weekly for the purposes of devotion, for intelligent study of the mission fields and for increasing missionary interest.

Y. M. C. A.

Since its organization at Texas Christian University the Y. M. C. A. has been an important factor in college life. It has taken a firm hold on religious affairs, and has been helpful in every Christian work and in deepening spirituality among the students. The work of the Y. M. C. A. is undenominational. Its object is to promote spiritual growth, fellowship and strenuous Christian living among the men.

The Association meets once a week for practical purposes and to consider questions of practical work among the students.

Y. W. C. A.

This organization fills a place among the young women similar to that of the Y. M. C. A. among the young men. During the past year it has been especially active and has accomplished much good.

THE ENDEAVOR SOCIETY.

This society is organized after the pattern well known everywhere. It has a large membership and is doing an excellent work.

THE MINISTERIAL ASSOCIATION.

The Ministerial Association is an organization composed of students preparing for the ministry. It meets every Friday evening. Discussions of themes related to practical church work, sermons, etc., are held at these meetings. Occasional addresses are given by visitors. In this organization the more mature ministers assist the younger ones in obtaining work among the churches, and render all possible help in various other matters.

RELIGIOUS OPPORTUNITIES.

All the principal religious denominations have flourished in

Fort Worth, and students are free to attend the churches of their choice. Opportunities for moral and religious instruction are unsurpassed.

All students are expected to attend public worship on the Lord's Day, and they are required to attend the daily religious exercises in the University Chapel. They are also urged to attend the students' prayer meetings that are held each week, and the lectures and talks of a religious character that are held from time to time.

LECTURE COURSES.

Various courses of lectures, recitals by musical and literary organizations and instructive meetings held by the churches in Fort Worth will be an educational advantage to the students.

MORALS AND DISCIPLINE.

It sometimes happens that students, away from home for the first time and free from parental authority and the restraining influence of home life, retrograde morally. Usually, we may add, the tendencies under changed conditions depend largely upon stability of character as established by home training. The Faculty of Texas Christian University is pledged to make the morals of students a matter of prime concern.

Certain guiding principles are observed in administering the discipline of the school. These are held as fundamental and necessary in maintaining strong, consistent discipline. On the one hand, we recognize that right motive is the chief element in conduct, that self-discipline is the best of discipline, that the subtler influences of a healthful atmosphere and of a correct school sentiment must constitute the chief reliance for good government. On the other hand, there is a place for the strong arm of authority, and it will be exercised promptly and without apology when occasion demands.

The discipline proceeds upon the assumption that the students are gentlemen and ladies who are actuated by high motives and lofty ideals. They are not treated as children, but rather as young men and women who are responsible in large measure for their own conduct. They are not burdened with many rules, but

each one is expected to be a law unto himself, because he has arrived at the age when he is governed on the high ground of principle. A few regulations are intended chiefly as reminders of matters of propriety that grow out of the community life as a University that might be otherwise overlooked, even by well-meaning students.

Every effort is put forth to make the students' surroundings ideal by fostering the best influences. They are carefully guarded against the allurements of the city. Younger students will not be allowed to visit the city without permission, which will be withheld unless a good reason is offered. Standing accounts must not be contracted with merchants. In this we beg the co-operation of parents. Do not allow students an unnecessary amount of spending money.

Students finding it necessary to be out of the city must obtain leave of absence from the Dean.

Any student desiring to withdraw from the institution before the time for which he matriculated has expired, must report to the Dean before withdrawal.

NO CASTE.

The spirit of the school is thoroughly democratic. No secret societies are allowed. Hazing is positively forbidden. Character and conduct, not clothes and money, determine the students' standing. Those working their way stand as well as any, if they are in other respects deserving. The students who are earning their way by doing janitor or dining-room service are usually among the best students.

EDUCATIONAL ATMOSPHERE.

Fort Worth takes just pride in her educational institutions, and is in thorough sympathy with them all. Besides her excellent system of public schools, she boasts of several colleges and universities which draw a large patronage from all parts of the country. The students are orderly and well behaved and the most cordial relations exist between students and citizens. A love for learning is fostered and a pronounced educational tone

is imparted to the city. Local and state contests in oratory and athletics intensify college spirit. They serve as a tonic and stimulus to highest endeavor. The educational atmosphere is invigorating, and the city offers a most congenial home for institutions of higher learning.

HEALTH AND MEDICAL ATTENTION.

Statistics show that Fort Worth is one of the most healthful cities in the country, and the University grounds being considerably above the level of the business section of the city, is one of the most healthful portions of the city. Sanitary conditions are perfect. A first-class system of sewerage will be constructed, and nothing will be left undone to preserve the health of the students. Hot and cold artesian baths are offered free. The best possible medical attention is available to the students, and parents sending their children to Texas Christian University may feel that no pains will be spared to guard their health.

WATER.

The water supply of Fort Worth is widely known as abundant and wholesome. Hardly any other city in the Southwest can afford better water. The institution owns as fine an artesian well as any section of the state produces. It is ample for every demand.

ATHLETICS.

Believing that physical exercise is essential to mental development and that healthful sports tend to increase college loyalty, the University at all times encourages the student to participate in college sports and exercises for the purpose of fostering his physical man. A professional physical director is employed by the Board of Trustees who is thoroughly abreast the times in all forms of indoor and field athletics. His work among the students is one of the valuable features of the school. The young women have daily exercise.

The athletic association has done much to develop an enthusiastic interest in athletic sports. Under its direction tennis clubs

are organized with several courts. Football and baseball teams are organized and trained. For several seasons the baseball team has held the state college championship.

The following rules governing the intercollegiate games will be strictly enforced:

1. Students must maintain satisfactory standing in their classes, must have entered by the dates set by the State Association, must not have played on a college team as many as four years, and must be carrying as many as twelve hours a week in literary work, in order to hold a position on any University team.

2. The games away from Fort Worth are limited to three trips in the fall term and three in the spring term.

3. A professor chosen by the Faculty must in all cases accompany the team when they go away to play.

4. A student must maintain gentlemanly speech and conduct on the home grounds and abroad, and must play honorably and fairly, or lose his place in the team.

ROOMING IN THE COLLEGE BUILDINGS.

All students, male and female, are required to room and board in the college buildings, except by special consent. Students will not be received who board or room in private homes without special permission. No student will be matriculated who disregards this ruling of the Board of Trustees. The financial needs of the school are such as to demand the full support of every patron—and every patron will receive fair compensation. Although frequent changing of rooms is discouraged, the Faculty reserves the right to make such changes at any time as may be deemed best.

INCORRIGIBLE STUDENTS.

Sometimes parents have failed to govern their children at home and send them away to school in the hope that under rigid discipline and careful oversight of teachers, the failures of home training will be corrected. This institution does not want boys or girls who are sent away from home to be reformed. It is

more probable that one such student will corrupt a dozen others well disposed than that he himself will be reformed, and at the same time he will require more of the time and energy of the Faculty on the matter of discipline than a score of others. The student who is here for instruction and training has first claim upon the Faculty. It is due him that he be protected against the disturbing and corrupting influences of immoral students. To do an irreparable damage to many students for the sake of the good that might possibly be done to a few incorrigibles, is reprehensible. Therefore, students of known vicious tendencies and corrupting influence will not be retained in school.

A WORD TO PARENTS.

Often parents, at the solicitation of their children, make requests that are detrimental to the student's progress and standing. Requests to make frequent visits home or to friends in near-by towns should not be granted. Regularity of attendance is of prime importance. No student who is habitually absent from his classes can keep interest in his studies. Retrogression ending in disaster frequently dates from a few days of absence from classes. Discouragement and loss of interest are followed by a decision to quit school. Further, it is a very grave mistake to suppose it is not of much importance to be present at the beginning of a new term. The student who enters a class after two or three recitations is a stranger in a strange land, and is sure to be more or less discouraged. It is also essential that he remain to the last day of the term. Examinations are held the last week of each term, and the student must remain and finish his work or forfeit his claim to credits.

SUMMER SCHOOL.

The Summer School of the University, which meets each year in June and July, offers many academic, collegiate and special branches of study. For particulars, see other numbers of the Bulletin issued during the year. Progressive teachers, ministers and students find opportunities in the Summer School for taking advanced work. College credits are given for satisfactory work.

SUMMARY OF ADVANTAGES OFFERED BY TEXAS CHRISTIAN UNIVERSITY.

1. The location is most desirable. Fort Worth is situated very conveniently for a large population of the State. It is an important railroad center, and hence is accessible from every direction. The University grounds are much above the level of the city and the view is commanding and inspiring.

2. The combination of limited and free electives makes possible the selection of a course of study specially adapted to the individual student. Certain limitations, together with the advice of a committee of the Faculty forestall any aimless dissipation in work.

3. A well organized Academy, perfectly articulated with the College courses, accommodates students whose home advantages in High School work are unsatisfactory.

4. A Bible College primarily for the training of young men for the ministry is open to all for such work as may be desired, a certain amount being required of all students.

5. The College of Fine Arts and Business maintain high standards of excellence.

6. Training in oratory and dramatic art are given under the direction of gifted and experienced teachers.

7. Several well equipped literary societies and clubs afford ample opportunity for drill in oratory, debate, parliamentary law, and other forms of literary work.

8. The Library privileges are being liberally provided, and will be still further improved from year to year. A good working library and reading-room supplied with the leading periodicals are at the service of the student for a very small library fee.

9. Students have the advantages of valuable courses of lectures given at the University and in the lecture courses of the city.

10. The buildings will be new and commodious; the recitation rooms will be large, airy and well equipped; and the dormitory accommodations rarely excelled.

11. The buildings will be lighted by electricity, heated by

steam and supplied with pure artesian water.

12. The young ladies will be under the immediate care of a competent lady principal, assisted by several lady teachers who room in the building.

13. A boarding hall under the direction of a competent manager offers good board at a very moderate cost.

14. The moral and religious tone of the school is of a high order. The University church, the daily chapel exercises and the student religious organizations provide for the moral and spiritual well-being of the students in an effective way.

15. The personnel of the student body is a matter of just pride. The majority of the students are young men and women of high ideals and lofty purposes. They are in school because they desire an education. Their spirit during the recent misfortunes of the University has elicited wide admiration.

16. Considering advantages offered, the expenses are exceedingly small. To be convinced of this, compare the rates with those of any school of equal rank in the country.

Young people who wish to be associated with a splendid company of students in the midst of desirable surroundings and under a strong body of competent instructors will find these at Texas Christian University.

RANK OF THE UNIVERSITY AMONG EDUCATIONAL INSTITUTIONS.

The State Department of Education has ranked this institution a "University of the first class," a distinction accorded to only a few educational institutions in this State. Its A. B. diploma, with a prescribed course in the Department of Education, entitles the holder to a "Permanent State Certificate." Its degrees are recognized by the larger eastern universities, and its graduates entering them receive full credit for work done here.

ENDOWMENT.

The Board of Trustees are practicing the most rigid economy compatible with efficient work; still they are greatly hampered by lack of money. The possibility of permanently doing real

college work without endowment is no longer entertained by those who are conversant with the necessities of a modern college in the matter of men and equipment. If the question of endowment is not pressed in the immediate future, it must not be understood that its necessity is not recognized. It will follow immediately upon the adjustment of other matters which of right should precede it. In the meantime any contribution to endowment fund will be most thankfully received, and sacredly set apart for any special department indicated by the donor.

FORM OF BEQUEST.

The following form should be used by persons desiring to bequeath property to the University:

I hereby give and bequeath to Texas Christian University, located at Fort Worth, County of Tarrant, State of Texas, the sum of.....dollars, to be used (here state for what, if any, particular purpose, it is to be used. If the bequest is real estate it should be carefully described. Be particular about conforming to the laws of your State).

FINANCIAL POLICY OF THE SCHOOL.

The Board of Trustees are directing the school upon a strictly cash basis. Objection is made, by prospective donors to the Endowment Fund, if any other policy be practiced. The fact that the school is in new quarters requires that all bills be met promptly in order to secure necessary supplies in operating the school plant. We must pay cash and must demand that our patrons pay us cash. No student will be retained whose bills are not paid in cash or by an acceptable bankable note. If every patron paid every cent due, there would yet remain a deficit which must be met annually by the proceeds from Education Day donations. No school of the grade of Texas Christian University can be maintained without an endowment or other means to liquidate the deficit. Hence the absolute necessity for requiring cash payments from every patron.

ADD--RAN COLLEGE OF ARTS AND SCIENCES.

FACULTY

W. B. PARKS, A. M.,

*Dean and Acting President of the University; Professor of
Physics and Chemistry.*

JAMES B. ESKRIDGE, A. M., Ph. D.,

Professor of Latin.

W. T. HAMNER, A. B.,

Assistant Professor of English.

***EGBERT R. COCKRELL, A. M., LL. M.,**

Professor of History and Political Science.

***ELLSWORTH E. FARIS, A. M.,**

Professor of Philosophy.

CHARLES I. ALEXANDER, A. B., B. S.,

Professor of Mathematics.

O. B. SEARS, A. M., Ph. D.,

Professor of Semitic Languages and Greek.

JOHN W. KINSEY, A. B.,

Professor of Education.

*On leave of absence.

MISS W. I. BIRGE, A. M.,

Assistant Professor of Biology and Geology.

BURTON H. WOODFORD, A. M.,

Professor of Modern Languages.

PROF. ATKINSON,

Professor of English Language and Literature.

JESSE LEWIS, A. B.,

Professor of History and Political Science.

Assistant Professor of German and French.

(To Be Supplied)

ITS RELATION TO THE UNIVERSITY.

The College of Arts and Sciences is the central college of the University. From the Academy (and the High Schools) it differs in methods and in grade of work, since it deals with more advanced students; but, like them, it aims at the development of the whole nature of the student, at the enlargement of his capacity, at stimulation of his intellectual and spiritual growth. From all the other colleges and schools of the University it is to be distinguished, inasmuch as they aim at more or less of specialization. To students who have such work in mind, the College of Arts and Sciences offers general training as a foundation for their special work. To students who have no such purpose of specialization it offers general culture and a liberal education.

REQUIREMENTS FOR ENTRANCE.

Students holding graduating diplomas from the Academy of Texas Christian University, or from approved Colleges and High Schools, are admitted to the College of Arts and Sciences

without examination. Students coming from approved Colleges or High Schools must present statements of their work, made out by the proper authorities on our official blank, which may be obtained from our Registrar on request. All other students must give satisfactory evidence that they have completed work equal in amount and value to the course prescribed in the Academy, or pass in the entrance examinations. In all cases, if a student, after being permitted to enter a college class in any department, fails to demonstrate his ability to carry the course with satisfaction to the professor in charge, he may be required to drop back to the Academy and fit himself for pursuing the course with advantage.

Students entering for the first time will furnish to the chairman of the Classification Committee evidence of good moral character and of class standing from latest instructors. Those bringing certificates or diplomas from correlated or affiliated schools will be classified without examination; others will be examined. After classification the student will be registered at the Registrar's office and upon the payment of all fees will be given a matriculation card, which serves as evidence of membership in the University. Registration being once completed, change of same will be permitted only with consent of the Dean and on the payment of a fee of one dollar for each instance of change. In case changes are necessitated by the University, no fee will be charged.

ORDER OF PROCEDURE.

1st. Presentation of credentials to chairman of Classification Committee.

2nd. Classification: (a) By examination. (b) By certificates or diplomas from correlated or affiliated schools. Our blanks (to be obtained from Registrar) must be filled out and signed by proper authorities.

3rd. Registration and matriculation completed at Registrar's office.

ENTRANCE EXAMINATIONS.

Fourteen units are required for admission to Freshman standing. A unit course of study, as here used, means a course that

covers a school year of at least thirty-five weeks, with five recitations per week of not less than forty-five minutes each.

Examinations may be required on the following branches:

English	3 units
Mathematics	3 units
History and Civics	3 units
Foreign Languages	3 units
Sciences	2 units

The question of accepting substitutes for any branches here required must be submitted to the Committee on Classification before date of examinations.

The following descriptive list will be suggestive of the scope of entrance examinations:

Mathematics.—1. Complete Practical Arithmetic, including fractions, percentage, roots, measurements, etc.; $\frac{1}{2}$ unit.

2. Beginning Algebra, covering such a treatment as that found in Wentworth's First Steps in Algebra; $\frac{1}{2}$ unit.

3. Elementary Algebra, covering such a course as that in Well's Algebra for Secondary Schools; 1 unit.

4. Plane Geometry, including simple original exercises and problems; 1 unit.

History and Civics.—1. American History, such a course as that given in Fiske's History of the United States; 1 unit.

2. General History, a course equivalent to that in Myer's General Outlines; 1 unit.

3. History of England (or some other leading nation of Europe); such text as Coman and Kendall's; $\frac{1}{2}$ unit.

4. Civil Government, including the elements of federal and state government; $\frac{1}{2}$ unit.

English.—1. Grammar, the principles of the language as given in any good text, with ability to write sentences with good grammar and spelling; 1 unit.

2. Rhetoric and Composition, as presented in standard works on the subject, such as Scott and Denny, Lockwood and Emerson, or Markley. An original theme may be assigned to test style, diction, paragraphing and accuracy of expression; 1 unit.

3. English and American Literature. History of the lead-

ing authors, their periods and productions, such as given in Simond's, Halleck, or Pattie and Newcomer. See reading required in the Academy of this University; 1 unit.

Latin.—1. Elements of Latin Grammar, simple exercises in prose composition, translation of Latin sentences such as those in Hale's First Year in Latin; 1 unit.

2. Second Year Latin, Cæsar's Gallic Wars, with more advanced composition and tests in grammar; 1 unit.

3. Readings in Sallust's Catiline and Cæsar's Civil Wars, with tests of grammar and etymology; 1 unit.

Greek.—1. Translation and composition of simple sentences with the elements of Greek grammar. Xenophon's Anabasis, at least twenty pages; 1 unit.

2. Xenophon's Anabasis continued, seventy-five to one hundred and twenty pages, or other Attic prose of equivalent amount. Translations, questions of grammatical forms and constructions; 1 unit.

German.—1. Elementary grammar, including the conjugation of weak and more usual strong verbs; declension of articles, adjectives, pronouns and nouns commonly used; model auxiliaries and commoner usages of syntax; 1 unit.

2. Reading of two hundred pages of simple prose and ability to read at sight easy prose; translation into German of simple English sentences or easy connected prose. Pronunciation with fair accuracy is desired and ability to understand simple derivation in German; 1 unit.

French.—1 and 2. Work similar to that in German above, except that about four hundred pages of reading are required; 1 or 2 units.

Sciences—Physiology.—The elements of Physiology, Anatomy and Hygiene, as given in Blaisdell's Practical Physiology, or Martin's Human Body; $\frac{1}{2}$ unit.

Physiography.—Half a year's work, covering all the leading features of the subject; $\frac{1}{2}$ unit.

Physics.—Work must cover recitation and class-room demonstrations, as covered by such a text as Carhart and Chute's High School Physics, or Gage's Elementary Physics. Also, individual laboratory work comprising forty exercises selected from such books as Adam's, or Chute's Manual; 1 unit.

TIME OF EXAMINATIONS.

In all branches covered by the Summer School, examinations can be had at the close of the Summer Term. Examinations on all branches will be offered at the University during the last week in May, or on Wednesday of the first week of the Fall Term.

CLASSIFICATION OF COLLEGE STUDENTS.

To have full Freshman standing, the student must offer 14 entrance units, $12\frac{1}{2}$ of which are prescribed; such student shall continue to be ranked a Freshman until he shall have completed 50 credits of required College work.

The student who offers all of the prescribed work, excepting foreign language, and an amount sufficient to raise the number of units to 14 may be ranked an irregular Freshman.

A student may be ranged a conditional Freshman if he offers not less than 10 of the $12\frac{1}{2}$ prescribed units and an additional amount sufficient to raise the number of units to 12; such student shall not be entitled to a vote in his class, and arrangements must be made to remove the conditions without delay.

To have Sophomore standing all work required of Freshmen shall have been completed; such ranking shall hold until all required work of Freshman and Sophomore classes or ranking shall have been completed and an additional amount sufficient to aggregate 100 credits.

To have Junior standing all work required of Sophomores shall have been completed; this ranking shall hold until 150 credits shall have been completed.

To have Senior standing all work required of Juniors shall have been completed; this ranking shall hold until graduation.

A student may be advanced from one class to another of the foregoing classes at the end of any term.

Undergraduate students whose work does not fall under one of the foregoing groups are ranked as unclassified students.

To have graduate standing all work required for the bachelor's degree shall have been completed.

REQUIREMENTS FOR GRADUATION.

In prescribing the requirements for graduation, the Faculty accepts the idea of an elective system, but imposes certain modifications in order that the interests of the students and of the institution alike may be safeguarded.

The requirements for graduation may be presented best in sections:

FIRST.—Each student is required to take the following courses:

Mathematics: Courses 1, 2 and 5.

Chemistry: Course 1.

English: Courses 1, 2 and 21.

History: One year.

Foreign Languages: Either Ancient or Modern; one year of continuous work (not the first year in any case).

Philosophy: Course 1, and either course 2 or 3.

From the courses of the College of the Bible, Christian Evidences, or some satisfactory equivalent, and one unit in the Bible.

SECOND.—Each student is required to elect by the end of his Sophomore year a "major department." Then, in consultation with the head of his major department, he shall elect a "minor department." The heads of these two departments shall form an advisory committee for the student during the remaining years of his course.

In his major department the student shall take each term at least one study, but not more than two. His total of credits in this department shall equal at least forty-eight, at most, sixty.

In his minor department the student shall take a minimum of one branch per term during at least three out of four years of college work. (The three years need not be continuous.) His total credits in this department shall equal at least thirty-six, at most forty-five.

THIRD.—Each student is required to make before graduation a total of one hundred and eighty credits, and after the year 1912 two hundred credits.

(By the term credit is meant one hour of recitation per week for one term.)

FOURTH.—Additional credits may be imposed upon candidates for graduation as a penalty for improper conduct. No

student may be graduated who is guilty of any gross offense or who fails to make a satisfactory adjustment of his financial account with the institution.

FIFTH.—The degree of Master of Arts will not be conferred upon any candidate whose grade in his work for the Master's degree falls below an average of B in any subject.

GRADUATE WORK.

Texas Christian University has at present no organized school for graduate work. Provision is made, however, for such students as, after receiving the A. B. degree, wish to take another year of literary work. On a student's completion of a year (forty-five credits) of resident work the University will confer on him the degree of Master of Arts. It is stipulated, however, that such work must be made up of Junior and Senior College Courses, and that whatever supplementary work may be imposed in any case, in order that the course may be entitled to graduate credit, must also be satisfactorily completed. Also, an approved thesis will be required before the candidate is accepted for graduation; this thesis must be handed in before May 1st.

ELECTIVES FROM THE COLLEGE OF THE BIBLE.

Candidates for the degree A. B. are permitted to elect as many as forty-five credits from the studies offered in the College of the Bible, to be selected from the following: Hebrew, New Testament Greek, Later Jewish History, Church History, History of Doctrine, Old Testament Introduction, New Testament Introduction, Messianic Prophecy, Textual Criticism of the New Testament, Philosophy of Religion, Law of Moses, Monuments and the Bible, and Literature of the Old Testament. In case Hebrew is elected as part of the "foreign language" study in the course leading to A. B., it will be deemed a regular branch in the College of Arts.

Candidates for the degree A. M. are permitted to elect as many as twenty credits from any studies in the foregoing list, except the first year in Hebrew; but no studies used in the course for Bachelor of Arts may be recounted for Master of Arts.

COURSES OF INSTRUCTION

DEPARTMENT OF GREEK

PROFESSOR SEARS

The aim of the courses in Greek is twofold: (1) To bring to the student the discipline which comes through an acquisition of the best in Greek literature, through the study of the Greek language. Aside from etymological advantage even such a discipline is valuable both for comparative studies in Latin, and to render one more stable in the fundamentals of English. (2) To prepare the way for the interpretation of the New Testament, itself originally given to the world in Greek. This fact alone renders the Classical Greek Department invaluable to the man who wishes to become a minister of the gospel.

1. *Elementary Greek (twelve credits).* Year, 4 hours.

The accomplished student of the Greek language will have (1) a working vocabulary of the language; (2) a knowledge of its grammatical principles; (3) an ability to use this vocabulary and apply these principles, whether for a literary or an exegetical purpose. To make as large a beginning as possible toward these ends, in the simplest and briefest form consistent with thoroughness, and yet to secure a complete introduction to Attic Greek, is the object of this course.

Text: Burgess & Bonner, *Elementary Greek*.

2. *Composition and Reading (four credits).* Fall, 4 hours.

Further selections from the *Anabasis*, with sight translations daily; prose composition, with a review of the most important principles of Syntax.

3. *Reading Course (four credits).* Winter, 4 hours.

Goodwin and White's *Selections from Xenophon and Herodotus*, consideration of dialects, word study and Syntax.

4. *Composition and Style (four credits).* Spring, 4 hours.

Plato. The *Apology* and *Crito*, with word study, style and form, analysis and discussion.

5. *Homer's Iliad or Odyssey (four credits).* Fall, 4 hours
Three books are translated. Special attention is given to scansion, mythology, and the manner of life in the Homeric age.
6. *Greek Oratory (four credits).* Winter, 4 hours.
(Introduction to Greek Oratory.) Jebb's Selections from Attic Orators.
7. *Greek Oratory (four credits).* Spring, 4 hours.
Demosthenes. On the Crown. Word study, style analysis and discussion.
8. *Greek Tragedy (three credits).* Fall, 3 hours.
Sophocles, Aeschylus, Euripides, study of the Greek theater, presentation of the drama and of prosody.
9. *Aristotle (three credits).* Winter, 3 hours.
Constitution of Athens and Nichomachian Ethics.
10. *Later Greek (three credits).* Spring, 3 hours.
Passages from Plutarch and Lucian.

DEPARTMENT OF LATIN

PROFESSOR ESKRIDGE

1. *Reading Course (four credits).* Fall, 4 hours.
Ovid. Selections from Ovid. His influence on modern literature, with an introduction to classical mythology. Or Virgil's Aeneid, Books I-V. Rapid review of forms, together with prose composition and prosody.
2. *Reading Course (four credits).* Winter, 4 hours.
Cicero. Orations Against Catiline, Sallust's Catiline, or Jugurtha. Tacitus Annales, or Germania et Agricola. Livy, Book I. Introduction to the Syntax of the Latin verb, by lectures and recitations.
3. *Reading Course (four credits).* Spring, 4 hours.
Cicero. De Senectute, or De Amicitia. The relation of these works to other writings of Cicero will be noticed. Or Cicero's Letters, Abbott's Selections, or Martial and

Pliny; Selected Epigrams and Letters. Private ilfe among the Romans. Further study of the Latin verb, together with a critical study of the growth and development of the Subjunctive mood.

4. *Reading Course (four credits).* Fall, 4 hours.

Horace. Odes and Epodes. Or Cattullus. Latin versification; memorizing of selections.

5. *Roman Satire (four credits).* Winter, 4 hours.

Horace, Books I-II, or Juvenal; Selected Satires of Persius will be read by the instructor as occasion may demand. Attention will be given to the origin and development of Satire. Syntax by lecture and recitation.

6. *Roman Comedies (four credits).* Spring, 4 hours.

Captives and Trinummus of Plautus, followed by some play from Terence. A comparative study of these authors, from both the morphological and the literary sides. Manners and customs among the Romans, by lectures and recitations. The versification of Plautus and Terence.

7. *Rhetorical Treaties (four credits).* Fall, 4 hours.

Horace, *Ars Poetica*; Cicero, *De Oratore*, or Brutus, or Quintilian, Book X, or Tacitus, *Dialogus de Oratoribus*. Elementary principles of literary criticism; the debt of these writers to Greek sources.

8. *Roman Philosophy (four credits).* Winter, 4 hours.

Lucretius, *De Rerum Natura*; or Cicero *De Natura Deorum*, or *De Finibus* and *Tusculanæ*, or Seneca, selections. The place of Roman Philosophy in the history of Philosophy.

9. *Allen's Fragments of Early Latin (four credits).*

Spring, 4 hours.

Merry's Fragments of Roman Poetry. Egbert's Latin Inscriptions.

An additional year's course for work leading to the degree of Master of Arts will be arranged to meet the student's requirements.

DEPARTMENT OF MODERN LANGUAGES

PROFESSOR WOODFORD

All courses in this department begin in September and continue throughout the year. Credit will not be given in the College for Course 1 in any of these languages until Course 2 is completed.

GERMAN

1. *Elementary German (fifteen credits).* 5 hours.
 Texts: Becker Rhoades Elements of German; Allen's Herein; Bacon's In Vaterland.
 Practice in speaking and writing German and the reading of easy modern texts. This course is offered to those who do not present German for entrance.
2. *Second Year German (fifteen credits).* 5 hours.
 Texts: Joynes-Meissner's German Grammar. German Syntax and practice in writing German. Storm's Immensee Freytag's Die Journalisten. Schiller's Tell or Jungfrau von Orleans; Hermann und Dorothea; Die Harkreise.
3. *Third Year German (twelve credits).* 4 hours.
 Texts: History of German Literature in German; Lessing's Minna von Barnhelm; Nathan der Weise; Götz von Berlichingen; Emilia Galotti; Egmont; Wallenstein; Iphigenie auf Tauris; Die Brant von Messina; Torquato Tasso.
4. *German Novel (twelve credits).* 4 hours.
 Texts: M. Schian; Der deutsche Roman seit Goethe; selected novels of Scheffel, Freytag, Keller, C. F. Meyer and Sudermann.
5. *German Drama (twelve credits).* 4 hours.
 Texts: Witawski; Das deutsche Drama des 19 Jahrhunderts; selected novels of Grillparzer, Hebbell and other authors like Kleist, Ludwig, Sudermann and Hauptmann; a rapid reading course.
6. *A Study of Goethe (nine credits).* 3 hours.
 Texts: Goethe's Dichtung und Wahrheit; Goethe's

Lyrics; Faust, Part I (Thomas) in full; Faust, Part II (Thomas) in selections.

FRENCH

1. *Elementary French (fifteen credits).* 5 hours.

Grammar and reading.

Texts: Fraser and Squair's French Grammar. Fontaine's Livre de Lecture et de Conversation; a reader of French pronunciation. Halevy's Abbe Constantin, Merimee's Columba or similar texts; Daudet, Contes Choisis; Le Voyage de Monsieur Perrichon.

2. *Intermediate French (twelve credits).* 4 hours.

The novel, drama and lyrics of the nineteenth century. Oral exercises. The history of French Literature in French.

Texts: Fraser & Squair's French Grammar; Dumas' Monte Cristo or Les Trois Mousquetaires; Bazin les Oberle; Tuckerman, Simplicity; About, Le roi des montagnes; Molière, Le Bourgeois Gentilhomme or L'Avare; Hugo, Hernani; Bowen, Modern French Lyrics; Gautier's Jettatura; French Composition.

3. *Advanced French (twelve credits).* 4 hours.

Texts: Nodier Contes; Hugo, Notre Dame de Paris; Sand, Indiana; Pellissier, Le mouvement litteraire du XIX e Siècle; Balzac, La Cousine Bette; Flaubert, Tentation de Saint Antoine; Bazin, La terre qui meurt; Bourget, Le Disciple; France, Silvestre Bonnard; Foucin, Le Pays de France; Borel's Grammaire Francaise; Advanced French Composition.

4. *French literature of the seventeenth and eighteenth centuries (twelve credits).* 4 hours.

Texts: Selections from Corneille, Racine, Moliere, La Fontaine; Boileau, Art Poetique; Warren's French Prose of the XVII century.

French literature of the eighteenth century: Voltaire, LeSage, Marivaux, Montesquieu, Diderot, Rousseau, and Beaumarchais.

SPANISH

1. *Elementary Spanish (fifteen credits)*. 5 hours.

Grammar, pronunciation, written exercises, oral drill. Traub's Spanish Verb; Worman's First Spanish Book; Worman's Second Spanish Book; Lengua Castellana, by Marion, and Des Garennnes. Lecciones DeLenguape Español Ingles. Cuentos Castellanos, by Carter and Malloy. Calderon's La Vida es Sueño. Alarcon's El Capitan Veneno. Written and oral exercises.

2. *Adavnced Spanish (twelve credits)*. 4 hours.

The following courses in the Spanish novel of the nineteenth century will be offered: Galdos' Marianela, Dona Perfecta; Alarcon, El Sombrero de Tres Picos; Valdes' El Capitan, Ribot, José. Collateral reading; Valera, El Comendador Mendoza, Pepita Jiminez. Spanish Composition. Ramsey's Spanish Grammar. History of Spanish literature.

DEPARTMENT OF ENGLISH

PROFESSOR ATKINSON

ASSISTANT PROFESSOR HAMNER

The Department of English presents courses in:

- I. Rhetoric and English Composition.
- II. English Language.
- III. British and American Literature.

The object of the courses in Rhetoric and Composition is to develop the student's power of self-expression. Consequently, throughout this work the emphasis is placed upon the art of composition rather than upon a knowledge of theoretical Rhetoric. The consideration of modern prose classics is a regular feature of each course.

The language section of the English Department consists of courses in Anglo-Saxon and Middle English. The aim is, primarily, to vitalize and make virile the student's diction through first-hand contact with the elemental qualities of the race, to

widen his vocabulary and to lead him to a comprehension of historical English Grammar. An additional aim is to bring the student into close relationship with the founders of English institutions; to make him familiar with their speech, their mental habits and characteristics; and to trace from the beginning of the historic period to the present the development of our literature, with a view to a better understanding and appreciation of it.

The purpose of the courses in Literature is to quicken the student's life through contact with the great thought and feeling of our race; to make him familiar with the important literary productions of England and America; to teach him to appreciate their beauties; and to assist him in developing sound ideas of literary excellence.

I.—COURSES IN RHETORIC AND ENGLISH COMPOSITION

PROFESSOR HAMNER

1. *Rhetoric and English Composition (four credits).*

Fall, 4 hours.

A course in plain prose composition. At least two themes a week required; numerous shorter exercises; class criticism and discussion; the study of some text on Rhetoric. Required of all students. Prerequisite of all other English courses.

2. *English Composition (four credits).*

Winter and Spring, 2 hours.

Daily exercises and discussions. Practice afforded chiefly in exposition. Required of all students. The second half of the course deals especially with argumentation.

3. *English Composition (three credits).*

Fall, 5 hours.

A course in narrative and descriptive writing. Considerable time is given to the Short Story.

II.—COURSES IN ENGLISH LANGUAGE

PROFESSOR ATKINSON

5. (a) *Anglo-Saxon (nine credits).*

Fall, 3 hours.

Grammar and simple exercises in modernization.

(b) *Anglo-Saxon.* Winter, 3 hours.
Selected prose readings.

(c) *Anglo-Saxon.* Spring, 3 hours.
Selected readings from Anglo-Saxon verse.

6. *Beowulf* (nine credits). Year, 3 hours.

7. *Middle English* (three credits). Fall, 3 hours.

Selected readings, prose and verse. Relation of Middle English to Anglo-Saxon considered; dialectal peculiarities discussed. Some knowledge of Anglo-Saxon is necessary to a satisfactory handling of the work.

8. *Chaucer and the Pre-Renaissance* (six credits). Winter and Spring, 3 hours.

Reading of Chaucer's works; discussions of his language and his art. Lectures on the life and times of the poet. In the latter part of the course some time will be given to a consideration of the literature of the transition period immediately following the age of Chaucer.

9. *Advanced Etymology* (six credits). Year, 2 hours.

III.—COURSES IN BRITISH AND AMERICAN LITERATURE

PROFESSOR ATKINSON

21. *Introduction to British Literature* (eight credits). Winter and Spring, 4 hours.

This is intended to follow Rhetoric and English Composition above. The course includes a consideration of the more important species of epic, lyric and dramatic literature with a view to securing such appreciation of the masterpieces chosen as shall lead to more extended reading and study. Required of all students. Prerequisite of all other Literature courses.

22. *British Literature, 1557-1625* (five credits). Fall, 5 hours.
The age of Elizabeth and the Renaissance.

23. *British Literature, 1625-1688* (five credits). Winter, 5 hours.
The struggle of Puritan and Cavalier.

24. *British Literature, 1688-1744 (five credits).*

Spring, 5 hours.

The Age of Reason and Regulation.

25. *British Literature, 1744-1795 (four credits).*

Fall, 4 hours.

The fading of the classical tradition; the rise of Romanticism.

26. *British Literature, 1795-1832 (four credits).*

Winter, 4 hours.

The period of Revolution and Romance.

27. *British Literature, 1832-1892 (four credits).*

Spring, 4 hours.

32. *British Literature, 1892-1911 (nine credits).*

Year, 3 hours.

Courses 22 to 27 and 32 form a series covering the history of British Literature from the beginning of the modern period to the present time. The object in each is to secure such general acquaintance with the literature of the period under consideration as can come from rapid reading of its important writings. Lectures, discussions and papers on assigned topics are features of the work. These courses need not be taken in chronological order, but it is desirable that they should be so taken, if possible.

28. *American Literature (six credits).*

Fall and Winter, 3 hours.

Studies in the works of the more important American Authors, especially of the New England group. Particular attention is given to the development of characteristically American qualities in our literature.

The Literature of the Middle and the Southern Atlantic States, followed by a rapid survey of the literary field in more recent years, especial attention being given to apparent tendencies in the South and the West.

29. *Browning (nine credits).*

Year, 3 hours.

Study of more important poems; consideration of Browning's philosophy in relation to his times.

30. *Pre-Shakespearean Drama and Shakespeare (nine credits).*

Fall, Winter and Spring, 3 hours.

The English history plays. The growth of dramatic art; the relation of the plays to their sources; the modification of materials, structure, technique and other similar subjects, are discussed.

31. *The English Novel (six credits).*

Winter and Spring, 3 hours.

Lectures on the development of the novel, followed by study of a number of representative novels.

DEPARTMENT OF HISTORY AND SOCIAL SCIENCE

*PROFESSOR COCKRELL

ASSISTANT PROFESSOR LEWIS

This department presents courses which will tend to help solve some of our national, state and city problems. It will also give a knowledge of the chief persons and events of the past.

HISTORY

1. (a) *History of England (six credits).*

Fall and Winter, 4 hours.

Text: Assigned reading. Special topics for library work.

(b) *Government of England, (two credits).*

Spring, 2 hours.

2. *History of Greece (four credits).*

Fall, 4 hours.

Text: Special topics for library work.

3. *History of Rome (six credits).*

Winter and Spring, 3 hours.

Text: Munro's "Source Book of Roman History."
Library work.

*On leave of absence.

4. *History of the Middle Ages, (three credits).*

Fall, 3 hours.

Text: Thatcher and Schwill's Europe in the Middle Ages and Robinson's Readings in European History.

5. *History of Modern Europe, (six credits).*

Winter and Spring, 3 hours.

Text: Assigned reading. Special topics and Library Work.

6. *History of the United States, (twelve credits).*

Fall, Winter and Spring, 4 hours.

Text: Assigned Reading. Special topics and library work.

7. *Pedagogy of History, (three credits).*

Spring, 3 hours.

Work based on Bourne, Mace, Hinsdale, Kemp and other authors.

POLITICAL SCIENCE AND ECONOMICS

8. *American Government, (eight credits).*

Fall and Winter, 4 hours.

Text: "American Commonwealth, Bryce. "Readings in American Government and Politics," Beard. Special topics and library work.

9. *Economics, (six credits).* Winter and Spring, 3 hours.

Text: Special topics and library work.

10. *World's Peace Movement, (three credits).* Spring, 3 hours.

Assigned topics and library work. Class discussions.

ADVANCED ECONOMIC AND SOCIAL STUDIES

Courses adapted to graduates and undergraduates of advanced standing.

11. *The Trust Problem (two credits).*

Fall, 2 hours.

Text: Jinks. Assigned reading.

12. *Labor Problems (two credits).*

Winter, 2 hours.

Text: Commons. Assigned reading.

13. *City Problems (two credits).*

Spring, 2 hours.

Text: "The American City," Wilcox. Assigned reading.

DEPARTMENT OF PHILOSOPHY

PROFESSOR FARIS

The introductory courses in this department are designed to meet the needs of students who elect Philosophy for the sake of general culture. The aim is to awaken an intelligent interest in the fundamental problems of life and mind, to develop the power of methodical and accurate thinking, and to foster independence of judgment. At the same time they afford a correct approach to the problems of teaching and religious instruction as well as to the more abstract inquiries of metaphysics.

Philosophy A (three credits).

Fall, 3 hours.

An introductory course open to Freshmen and Sophomores designed to furnish an approach to the latter work in Psychology and metaphysics.

1. *Psychology (six credits).*

Fall and Winter, 3 hours.

This course begins with a series of lectures on the Physiology of the nervous system, after which a general study of the mental processes is made. The aim is to train the student to observe his own mental state and to appreciate what he may read in psychological literature, as well as to prepare for later work in Pedagogy and Philosophy. Angel's text, with James for constant reference, is used. A series of original papers on the topics of study will be prepared. Required of all students. Prerequisite, 60 college credits.

2. *Logic (four credits).*

Winter, 4 hours.

Besides the topics usually included in a course in Logic such as the concept, forms of judgment, inductive and deductive reasoning and fallacies, this course will lay stress on the functional nature of the thought-process and on the fundamental underlying principles of a psychological nature.

3. *Ethics (four credits).*

Spring, 4 hours.

An introductory course aiming to familiarize the student with the different types of ethical theory, as well as to reach

a method of estimating and controlling conduct. Special attention will be given to the relation of the individual to society and the bearing on the question of the meaning of freedom and moral responsibility. Text-books, lectures, assigned reading and original papers.

4. *History of Philosophy (a) (six credits).* Fall, 3 hours.

In the first half of the course will be treated the history of philosophical ideas from the early Greek cosmogonies down to the time of the Renaissance. Especial attention will be given to the more important dialogues of Plato, Aristotle's Ethics and the systems of Epicureanism and Stoicism.

History of Philosophy (b). Winter, 3 hours.

A rapid survey of the whole field of Modern Philosophy—the work of Descartes, Spinoza, Leibnitz, Locke, Berkeley, Hume, Kant and Hegel, will be considered.

5. *Problems of Philosophy (four credits).* Spring, 4 hours.

A consideration of the fundamental problems of Philosophy and their solution. The following subjects will be taken up: The nature of Philosophy; its relation to science and religion; Materialism; Idealism, Agnosticism; Atomism; Theism; Pantheism; Realism; Empiricism; Rationalism. A thesis will be prepared by the student.

6. *Outlines of Experimental Psychology (two credits).*

Winter, 2 hours.

Designed to familiarize the student with the methods of Laboratory Psychology. An investigation of the main features of sensation, attention, reaction, time, etc. Titchener's Manual will be used.

7. *Psychology of Religious Pedagogy (three credits).*

Fall, 3 hours.

A course in the general principles of Psychology as applied to the training of children, the religious nature of the child, and the best means of developing it according to these principles. Designed for Sunday School teachers, ministers of the gospel and others who have part in the religious training of the young.

8. *Psychology of Religion (three credits)*. Spring, 3 hours.

A study in the various types of conversion and of the changes in the psycho-physical organism corresponding to the rise of the religious consciousness.

10. *Platonism (three credits)*. Spring, 3 hours.

A study of the more important dialogues will be read in translation with Pater's *Plato and Platonism* for a commentary. A thesis will be prepared by the student.

11. *Epistemology (two credits)*. Winter, 2 hours.

In this course a study of the two great theories represented by Descartes, the rationalist, and Bacon, the empiricist, but reaching back to the beginning of the history of thought, will be undertaken. Lock, Hume and Leibnitz will be studied chiefly.

12. *Metaphysics (two credits)*. Spring, 2 hours.

An examination, as systematic and detailed as the length of the course will permit, of the leading types of philosophic theory with a consideration of the various kinds of solution that have been offered.

13. *Movements of Philosophic Thought in Modern Literature (two credits)*. Spring, 2 hours.

A survey of Rousseau, Kant, Hegel and Schopenhauer, will be rapidly made, after which the stream of thought will be traced through Goethe, Coleridge, Wordsworth, Carlyle, Emerson, Browning, Tennyson.

DEPARTMENT OF MATHEMATICS

PROFESSOR ALEXANDER

The part which Mathematical reasoning contributes toward mental training can be supplied by no other subject. It furnishes in ready available form matter which leads by easy natural gradation from the lowest to the highest form of abstraction. In exactness in content of terms, sharp discrimination, and certainty of thought processes, it is not excelled, if equaled, by any other subject in the whole field of intellectual training.

This view of its value and office dictates, to a large extent, the selection of courses of instruction; however, the practical bearing of each on the affairs of every-day life, is by no means neglected. Following are the courses in detail:

1. *Solid Geometry (five credits).* Fall, 5 hours.

Preparation for this class includes a thorough knowledge of Algebra at least through quadratic equations, and a mastery of Plane Geometry. The methods of Plane Geometry are continued; original work is emphasized, very few, if any, of the exercises of the text being omitted. Analogies between Solid and Plane Geometry are noticed. Required of all students.

Text: Durell.

2. *Plane Trigonometry (five credits).* Winter, 5 hours.

This course consists of a study of the trigonometric functions and anti-functions, together with a large number of formulas dealing with their relations; the solution of the right and oblique triangle, and construction of logarithmic tables. Practical problems of considerable number and variety are solved. Required of all students.

Text: Lyman and Goddard.

3. *Surveying (five credits).* Spring, 5 hours.

All ordinary problems of the practical surveyor, including land surveying, triangulation, topographic and profile leveling, city surveying, etc., are given careful study. A liberal amount of field practice with a good surveyor's transit is required.

Text: Wentworth.

4. *Spherical Trigonometry (two credits).* Fall, 2 hours.

Right and oblique spherical triangles are solved. Practical application is made to the celestial sphere, a considerable number of astronomical problems being worked out.

Text: Lyman and Goddard.

5. *Advanced Algebra (four credits).* Spring, 4 hours.

A course intended for those desiring a more extended knowledge of Algebra than is usually obtainable in the high school, covering such subjects as permutations and combinations, theory of equations, determinations, complex num-

bers, partial and continued fractions. Required of all students.

Text: Hawkes.

6. *Plane and Solid Analytical Geometry (twelve credits).*

Fall, Winter and Spring, 4 hours.

The work in this course consists of a thorough discussion of the relation of the equation to the locus; translation of geometric conditions into algebraic terms. Conic sections and other curves are studied by means of both Cartesian and polar co-ordinates. Prerequisites, Courses 1, 2 and 5.

Text: Fine and Thompson.

7. *Descriptive Geometry (four credits).*

Fall and Winter, 2 hours.

Orthographic projection. Intersection of planes and solids, intersection of solids and development of solids. This course is designed to meet the needs of those desiring to do technical work along Mathematical lines. Prerequisites, courses 1 and 6. Offered in alternate years.

Text: Faunce.

8. *Astronomy (three credits).*

Winter, 3 hours.

This course is largely descriptive, intended primarily as a culture course. A few practical problems, elementary in character, requiring a knowledge of courses 2 and 4, are solved. The recitation is conducted largely by means of lectures. Recommended to all students taking a literary degree.

Text: Todd's Elements of Astronomy.

9. *History of Mathematics (three credits).* Spring, 3 hours.

To appreciate any subject, something of its history must be known. This course attempts, in a brief way, to trace the development of the science of Mathematics through the centuries down to the present time, showing that while it is the most highly developed and exact of all the sciences, still it is not the stale, dead thing that it is commonly supposed to be, but is a living, growing science, vitally connected with the progress and development of these modern

times. Offered in alternate years.

Text: Cajori.

10. (a) *Differential Calculus* (eight credits).

Fall and Winter, 4 hours.

No subject in the college curriculum gives one a greater appreciation of the logical beauty and vigor and the practical utility of a Mathematical course than does the calculus. In this course a large number of formulas for differentiation are developed and these applied to the solution of a great variety of problems.

(b) *Integral Calculus* (four credits). Spring, 4 hours.

A continuation of course 10 (a). The integral is studied from the twofold standpoint of anti-differentiation and the process of summation. After developing standard forms of integration, attention is given to problem-solving, a large number, which are encountered in the studies of physics and mechanics, being chosen.

Text: Granville.

11. *Theoretical Mechanics* (nine credits).

Fall, Winter and Spring, 3 hours.

This course, aside from its own practical value, is intended to reinforce the knowledge obtained from the courses in Calculus. It may be taken by Seniors or candidates for the degree of Master of Arts, who have had course 10 (a) and 10 (b). Offered alternate years.

Text: Hoskins.

DEPARTMENT OF CHEMISTRY AND PHYSICS

PROFESSOR PARKS

1. *General Inorganic Chemistry* (four credits).

Fall, 4 hours. Laboratory, 4 hours.

(a) A study of the non-metals by text-book, lectures and laboratory work. Text, Remsen's Chemistry; Remsen's Laboratory Manual.

(b) A study of the metals. Recitation, lectures and lab-

oratory work. Texts as above. Winter, 2 hours of recitation and 4 hours of laboratory work.

(c) A course supplementary to (a) and (b). Texts as above. Spring, 2 hours of recitation and 4 hours of laboratory work.

The aim of Course 1 will be to give a definite idea of the basic principles of Chemistry, and not only to lay the foundation of a broader and deeper knowledge of the subject, but also to supply that which is needed by all wishing to secure a liberal education.

2. *Qualitative Analysis (eight credits).*

Fall, 1 hour of recitation and 6 hours of laboratory work.

(a) Lectures and recitations accompanying the work in the laboratory. The work begins with the study of the department of re-agents, is followed by the separation of the simpler bases into groups and ends with the separation of acids. Prerequisite, Course 1. Text: Sellers.

(b) *Advanced Qualitative Analysis.* Winter, 8 hours of laboratory work.

Mainly laboratory work in systematic analysis with occasional lectures and recitations. Text: Sellers and Fresenius.

3. *Advanced Inorganic Chemistry (four credits).* Fall, 4 hours.

This course consists of a more advanced study of inorganic chemistry. Such subjects as the periodic law dissociation theory and other modern views will receive emphasis.

Text: Remsen's College Chemistry.

4. *Quantitative Analysis (twelve credits).* Fall, 4 hours.

(a) Chiefly laboratory work in gravimetric and volumetric analysis. Prerequisite, Course 1.

(b) *Advanced Quantitative Analysis.* Winter, 4 hours.

A continuation of Course 4, dealing more particularly with gravimetric analysis.

(c) *Advanced Quantitative Analysis.* Spring, 4 hours.

A continuation of Course 4, dealing with special volumetric methods.

Text: For the entire course, Talbot, Fresenius and Sutton.

5. *Organic Chemistry (three credits)*. Spring, 3 hours.
A consideration of the principles of Organic Chemistry, dealing with the more important hydrocarbon compounds. Prerequisite, Course 1.
Text: Remsen.
6. *Physical Chemistry (two credits)*. Fall, 2 hours.
This course deals with such topics as the atomic theory, the periodic law, methods of molecular determination, and electrolytic dissociation. Prerequisites, Physics 1, and Chemistry 4.
7. *History of Chemistry (two credits)*. Spring, 2 hours.
A course tracing the rise and development of modern Chemistry. Prerequisite, Course 1.
Text: Venable.
8. *Special Methods in Quantitative Analysis (four credits)*. Winter, 3 hours.
Eight hours laboratory work.
Each student in Chemistry is required to make a deposit of \$5.00 to cover breakage. At the end of the year this deposit, less the amount of breakage, will be refunded.
Laboratory fees in each of the foregoing courses, except Course 7, is \$5.00 per term.

II.—PHYSICS

1. *General Physics (twelve credits)*. Fall, 4 hours.
(a) A course in which are presented largely from the experimental standpoint the most important principles involved in the study of mechanics and heat. The instruction is given by means of text-books and lectures, fully illustrated by class-room experiments, and supplemented by recitations and written examinations. Open to those who have had Elementary Physics and Trigonometry.
Text: Hasting and Beach.
- (b) Winter 4 hours.
A continuation of the above course treating of magnetism and electricity.
- (c) Spring, 4 hours.
A continuation of the above course dealing with sound and light.

2. *Laboratory Physics (four credits).*

Winter and Spring, 4 hours of laboratory work.

Experiments in different branches of the subject, selected from leading manuals. The student is required to keep a permanent record of all work done. Prerequisite, Course 1. Two hours in the laboratory are equivalent to one of recitation.

3. *The Dynamo (three credits).*

Winter, 3 hours.

History, theory and design of dynamos and motors. Prerequisite, Course 2.

4. *Spectroscopy (two credits).*

Spring, 2 hours.

A study of the theory and practice of spectrum analysis, with a comparison of various spectra. Laboratory reference book, Stewart and Gee.

A laboratory fee of \$3.00 is charged for each of the foregoing courses per term.

DEPARTMENT OF BIOLOGY AND GEOLOGY

PROFESSOR—(TO BE SUPPLIED.)

ASSISTANT PROFESSOR W. I. BIRGE

I.—BIOLOGY.

A.—BOTANY.

The course in Botany embraces full work during the entire session of three terms, three hours per week in class room. Four hours per week in laboratory or field will be required. Laboratory work must be recorded in permanent form in note book and drawings. The lantern will be used in lecture room.

1. *Botany (twelve credits).*

Fall, 3 hours.

(a) Respiration, assimilation, sensation, reproduction, and differentiation will be given special attention.

(b)

Winter, 3 hours.

The evolution of the plant kingdom from the lowest

forms to the highest will be carefully studied through Thal-
lophytes, Bryophytes, Pteridophytes and Spermatophytes.

(c)

Spring, 3 hours.

The entire term will be devoted to the study of the
morphology and ecology of a limited number of typical
plants.

Texts and collateral reading: Leavitt's Outlines of Bot-
any, Bergen's Foundations of Botany, Sedgwick and Wil-
son's General Biology, Coulter's Plant Relations, Coulter's
Plant Structure.

B.—ZOOLOGY AND PHYSIOLOGY.

2. *Zoology (twelve credits).*

Fall, Winter and Spring, 3 hours; laboratory, 4 hours.

A course in general Zoology. Attention is given to the
morphology and physiology of the various animal types.
Minute forms are studied by the aid of the compound
microscope. Dissections are made of large forms. Labora-
tory work must be made definite and explicit in the form of
notes and drawings. Lectures are given and readings as-
signed on such topics as Instinct, Mimicry, Influence of En-
vironment, Symbiosis, Struggle for Existence, Survival
of the Fittest, Life Cycles, Care of the Young, Animal
Habitations, etc. Recitations are required on lecture topics
and text reading.

Texts: Jordan and Heath, Jordan and Kellogg, Pratt.

3. *Physiology (six credits).*

Fall and Winter, 3 hours.

Martin's Human Body, advanced course, is used as text.

4. *Sanitary Science (four credits).*

Spring, 2 hours, laboratory, 4 hours.

5. *Biology (four credits).*

Fall, 2 hours, laboratory, 4 hours.

Texts: Sedgwick and Wilson. Protoplasm is studied in an
exhaustive way, first as regards its chemical and physical
characteristics as manifested in the simplest forms of life,
and then in the more complicated organisms. Dictative,
recitation and laboratory methods will be used.

6. *Histology (four credits).* Winter, 2 hours.

Animal tissues studied microscopically. Methods of preparation of slides for microscopical use are given due attention.

7. *Bacteriology (four credits).*

Spring, 2 hours. Laboratory, 4 hours.

A general introduction to the subject with emphasis on general rather than special work is attempted.

Laboratory fee for Biology, \$4.00 per term.

II.—GEOLOGY

The work offered in Geology extends through the session of three terms, three hours per week in recitation and two hours per week in laboratory, library or field. The lantern will be used freely in the lecture room. A careful study of the first chapter of Genesis will be required in connection with the regular class work. Especial attention will be given to the study of the development of the North American continent.

Texts and colateral reading: Le Conte's Elements of Geology, (fifth edition); Dana's Manual of Geology, (fourth edition); Qieke's text-book of Geology (fourth edition); Morris' Six Work Days of God.

Laboratory fee, \$2.00 per term.

8. (a) *General Geology (twelve credits).*

Fall, Winter and Spring, 3 hours. Laboratory, 2 hours.

Lectures, recitations and field work, covering the entire work offered by preparatory texts.

(b) *Dynamic and Structural Geology.*

Especial study given to atmospheric, aqueous, igneous and organic agencies; stratification, metamorphism, denudation and mountain structure.

(c) *Historical Geology.*

Spring, 3 hours.

Covering the Archean, Paleozoic, Mesozoic, Cenozoic and Psychozoic eras. Especial attention given to comparative life forms in fossil remains leading to a discusison of the evolution of life on the globe. In this connection a study of certain sacred literature is offered.

9. *Anthropology (four credits).*

Spring, 4 hours.

This course is offered to seniors who have had Geology 8, and Zoology 6.

Text: Tylor.

DEPARTMENT OF EDUCATION

PROFESSOR KINSEY

It is evident that there has never been a time in the history of our country when the real demand for well trained teachers was greater and the prospects for future advancement more flattering. Public, as well as private, schools are gradually, but surely, raising their standards, and, at the same time, demanding better equipped teachers. Therefore, to meet these growing demands and to give to students an opportunity to avail themselves of the privilege offered by the State Certificate Law, the following courses in Education are offered.

1. *The History of Education (five credits).* Fall, 5 hours.

This is an elementary course in the history of education designed especially for those who cannot spare the time, or who are not prepared for the more advanced and more extended course on this subject. A brief survey of the field of the history of education will be made.

2. *School Management and School Laws (three credits).*

Winter, 3 hours.

It will be the purpose of this course to give special attention to basic principles and to the common problems with which every teacher should be familiar. In developing this study many problems of every day happenings will be treated, as well as the whole subject, from a logical and scientific standpoint. A constant study of the common school laws, especially those of Texas, will be made by all students taking this course. Collateral readings will be assigned and thesis required.

3. *Methods of Teaching (five credits).* Spring, 5 hours.

The purpose of this course is to make a careful study of the methods and processes of teaching and to make special

application of these to some of the common branches.

4. *Philosophy of Education (three credits)*. Fall, 3 hours.

This course will deal with some of the more important psychological and philosophic principles upon which our educational systems rest. Text-books will be used, lectures given, and theses required.

5. *Child Study (five credits)*. Winter, 5 hours.

A study of the development of the child, the influence of environment, and many phases of the adolescent period. Lectures and collateral readings will be based, to some extent, on such works as "Warner's Study of Children," Kirkpatrick's "Fundamentals of Child Study," Oppenheim's "Development of Children," and Hall's "Aspects of Child Life and Education."

6. *Secondary Education (three credits)*. Spring, 3 hours.

The history of secondary school organization, courses of study, time allotted to the various departments of the schools of America, as well as of other leading countries, will be considered. Lectures given, collateral reading, and theses required.

7. *Applied Psychology (five credits)*. Winter, 5 hours.

This course is intended to make application of those psychological principles that bear directly upon the more important phases of the teaching processes. A suitable text-book will be used, lectures given, collateral readings, and theses required.

8. *School Supervision (three credits)*. Fall, 3 hours.

This course is intended for department teachers, high school principals, and superintendents, or persons preparing for such positions. The course will be based on some good text-book and in addition thereto much time will be devoted to the solution of some of the more important problems of the modern school.

9. *The History of Education (nine credits)*. Year, 3 hours.

This course will include a careful study of the various phases of ancient, medieval, and modern history of education, giving special attention to particular types and movements. It will also include a comparative study of the edu-

cational systems of England, France, Germany, and America. Considerable time during the first term will be devoted to Greek and Roman education. A good text-book will be used, theses and much collateral reading required.

10. *Seminar (six credits).* Year, 2 hours.

In this course will be considered many of the leading educational problems of the day, special study given to current literature by each member of the class, and investigation of educational situations of the various countries made.

11. *Principles of Education (three credits).* Fall, 3 hours.
12. *Practice Teaching (three credits).* Winter, 3 hours.
13. *Practice Teaching (four credits).* Spring, 4 hours.
14. *Educational Psychology Elementary (three credits).*
Fall, 3 hours.
15. *Social Psychology or Principles of Education (three credits).*
Spring, 3 hours.

COLLEGE OF THE BIBLE.

FACULTY

WILLIAM B. PARKS, A. M.,

Acting President of the University.

G. A. LEWELLEN, A. M., Ph. D.,

Professor of English Bible and Church History.

O. B. SEARS, A. M., Ph. D.,

Professor of Hebrew, Aramaic and Greek.

HENRY TRUMBULL SUTTON, A. B., B. O.,

Professor of Homiletics, Exegesis and Oratory.

F. W. CUPRIEN,

Professor of Church Music.

PURPOSE OF THE COLLEGE.

The primary intent of the college of the Bible is to give large place in liberal education to the greatest of all classics, the Holy Scriptures, and through the leading of the divine message to train young men and women for Christian usefulness in any station and vocation of life. It cherishes the high ideal of learning which only a school of the church can supply, not only to impart a worthy degree of Biblical information to the student, but so to direct his research and quicken his inspiration for study as to lead him through later years zealously to lay under

tribute every available resource of scholarship. This College therefore invites worthy people to prepare for worthy tasks in life, and seeks to kindle an unquenchable desire for usefulness in a world that sorely needs the best endeavor of Christian manhood and womanhood. It further seeks to enthrone the Christ in faithful hearts, to adorn the gifts of mind with the graces of culture, to awaken as the deepest longing of the soul, a yearning to lead other souls into the light of truth, and to help in humble measure to attune the thought of the time to the thought of the timeless Teacher of men.

While the church calls loudly for an educated ministry, and the world needs above all else preachers of the highest possible attainments, the demand for many other workers in various callings increases, and must continue to increase. It is accordingly required of every University under the auspices of the church and seeking the greatest efficiency in training young people for the duties of coming years, both to furnish ample facilities for the preparation of public proclaimers of the faith, and also to provide a practical and wisely directed system of study and work, suited to those who anticipate numerous other religious activities and responsibilities.

To meet this double need, the College offers two courses of study: (1), a Classical Course, requiring the degree of Bachelor of Arts from a creditable college of liberal arts, and leading to the degree of Bachelor of Divinity in the College of the Bible; and (2), an English course, requiring a prescribed attainment in academic studies, and leading to a diploma indicative of creditable English work in the College of the Bible. The former will signify a high rank in ministerial education, and is designed to prepare the messenger of faith for the most successful services in the church; and the latter will afford an honorable preparation for preaching the word, for teaching in Bible schools and missions, for the organization and direction of co-operative work of all kinds in the church; hence, for the manifold ministries of preachers, preachers' wives and other helpers, missionaries, Bible school and Endeavor workers, ministers' clerks and amanuenses, leaders of every form of religious music, and many other classes of men and women that desire to be useful in the Christian life. It is hoped that thus the work

of the College may be thorough, yet broad and adaptable to the ever varying needs of the future church.

TERMS OF ADMISSION.

To be admitted to the Classical Course, a student must have at least Sophomore standing in the College of Liberal Arts, and must have completed the History of Israel (15 credits), Life of Christ (8), Apostolic History (4), Hermeneutics (4), English Exegesis (8), in the College of the Bible.

(By the term "credit" is meant one hour of recitation per week for one term.)

To be admitted to the English Course, a student must have Freshman standing in the College of Arts and Sciences, less foreign languages and Geometry, or, otherwise, pursue delinquent branches in the Academy during the first year in this college. With consent of the faculty a student may pursue selected studies for which he is prepared without regard to standing.

No applicant will be admitted if known to be wanting in Christian character, or have a dishonorable record in another college.

GRADUATION.

A candidate for the degree of Bachelor of Divinity, must, in addition to entrance requirements, complete a course of 105 credits in this College, of which 39 shall be elective and 66 in the following branches: Homiletics (9), New Testament Greek (24), Hebrew (24), and Church History (9). Of credits in branches taught in this College and counted for the degree Bachelor of Arts, no more than 36 may be recounted toward the degree Bachelor of Divinity. Of credits from this College counted for Master of Arts, 20 may be recounted for Bachelor of Divinity. In no case may more than 36 credits be recounted.

A candidate for graduation in the English Course must complete in this College the sum of 90 credits, of which 51 shall be elective and 39 in the following branches: History of Israel (15), Life of Christ (8), Hermeneutics (4), Apostolic History

(4), English Exegesis (8); and in the College of Arts, Psychology and Evidence of Christianity.

COURSES OF INSTRUCTION

DEPARTMENT OF SACRED HISTORY AND CHURCH HISTORY

1, 2, 3. *The History of Israel (fifteen credits).*

Fall, Winter and Spring, 5 hours.

A careful study of the historical material from Genesis to II. Chronicles, with collateral studies in the history of Egypt, Babylonia, Assyria and Palestine. Lectures and text of the Bible, American Standard Edition. Professor Lewellen.

4, 5, 6. *Later History of the Jews (twelve credits).*

Fall, Winter and Spring, 4 hours.

A collation of historical facts in Jewish history, beginning with the Babylonian Exile, and extending to the Fall of Jerusalem under Titus. Lectures and assigned reading. Text-books in Greek and Roman Periods, Riggs. Professor Lewellen.

7, 8. *The Life of Christ (eight credits).*

Fall and Winter, 4 hours.

The four Gospels studied in chronological order with lectures and assigned topics. A careful exegesis of select portions of the text in English, with emphasis on the peculiar life and teaching of Jesus. Dr. Lewellen.

9. *Apostolic History (four credits).* Spring, 4 hours.

Historical and exegetical study of Acts of Apostles, with further history of the church to the end of the first century, gathered from the Epistles and extra-Biblical sources. Lectures and assigned reading. Dr. Lewellen.

10, 11, 12. *Church History (nine credits).*

Fall, Winter and Spring, 3 hours.

A full course in the history of the Christian Church from

the Apostolic age to the present time, with careful attention to the development of the Roman and Greek Catholic bodies, the rise and progress of the Protestant Reformation, and special survey of the several important denominations. A text-book will be used, and library work assigned. Dr. Lewellen.

- 13, 14, 15. *History of Christian Doctrine (nine credits)*.

Three hours, full year. (Offered on demand.

A careful study of the leading doctrines of the early church, a tracing of the changes in religious thought and the development of various systems to the present time. Text-book with lectures and assigned work.

- 16, 17. *History and Plea of the Disciples (four credits)*.

A course of lectures reviewing briefly the establishment and character of the leading Protestant Churches as a background and condition of the rise and progress of the Disciples. A careful statement of their principles and pleas, together with their fitness to the present age. A course of lectures with special investigation in the library. Dr. Lewellen.

DEPARTMENT OF HERMENEUTICS AND EXEGESIS

The following branches of work are offered to students of the English Bible, a knowledge of the Hebrew and Greek languages not being required.

1. *Hermeneutics (four credits)*. Fall, 4 hours.

The fundamental principles of interpretation, with studies by the inductive method, will be presented in a text book. Numerous passages of Scripture thoroughly illustrating the rules of interpretation will be presented in class-room discussions.

Text-book: "Principles of Interpretation." Prof. Sutton.

- 2, 3. *Exegesis, Earlier Epistles of Paul (eight credits)*.

Winter and Spring, 4 hours.

Selected Epistles from the earlier writing of the Apostle

will be presented in lectures, with numerous questions to be investigated by reference to the library. Introductions to the Epistles, including the related history of the Apostle's work with the churches to which the Epistles are addressed. the date of writing, and the conditions of the churches at the time. Also a careful exegesis of the text, using the American Revised Version, as a basis of study, with occasional statements concerning the Greek text on points of doubtful interpretation. Prof. Sutton.

4, 5. *Exegesis, Later Epistles of Paul (eight credits).*

Winter and Spring, 4 hours.

Work similar to the exegesis of earlier epistles, but covering the more important epistles that belong to a later period of the Apostle's ministry. Prof. Sutton.

6, 7, 8. *Messianic Prophecy (nine credits).*

Fall, Winter and Spring, 3 hours.

A general survey of the work of Old Testament Prophets and its bearing upon their Messianic announcements. An exegetical study of all the leading passages of the Old Testament that are usually regarded as Messianic. Each prophecy is considered in the light of the time and the conditions under which it arose and its place in the progress of Messianic development. The relation of the prophetic messages to the development of Christianity is carefully considered. Dr. Sears.

DEPARTMENT OF HEBREW AND OLD TESTAMENT

1, 2, 3. *Beginning Hebrew and Aramaic (twelve credits).*

Fall, Winter and Spring, 4 hours.

A thorough mastery of the first eight chapters of Genesis by the inductive method, using Harper's textbooks. Reading from later chapters of Genesis and I. Samuel. A thorough study of the grammatical elements of the Hebrew language, and a familiarity with the vocabulary of the most frequently used words in the Old Testament. Dr. Sears.

A course is given in the Aramaic of parts of Ezra and David.

4, 5, 6. *Hebrew Readings and Syntax* (twelve credits).

Fall, Winter and Spring, 4 hours.

Extensive readings in the historic and poetic books of the Old Testament, with a thorough study of Harper's Hebrew Syntax. This will include one term of careful exegetical study of the Hebrew text. Dr. Sears.

7, 8, 9. *Hebrew Readings in the Prophets* (nine credits).

Fall, Winter and Spring, 3 hours.

Exegetical work on the Hebrew text in Isaiah, Hosea, and Nahum, with attention to the historical conditions under which early prophecy was written, and to the textual criticism of the passages selected. Dr. Sears.

10, 11, 12. *Old Testament Introduction* (six credits).

Full year, 2 hours.

The canon of the Old Testament, its history and the principles governing its formation. The leading issues of higher criticism of the Old Testament and a brief history of modern work relative to the date and authorship of Old Testament books. Dr. Sears.

13, 14, 15. *Literature of the Old Testament* (twelve credits).

Fall, Winter and Spring, 4 hours.

A study of the literary character of all parts of the Old Testament, together with a more minute study of the Psalms and the Book of Job. Given on demand. Prof. Sutton.

16. *Law of Moses* (six credits). Fall and Winter, 3 hours.

Lectures on the origin, nature, codification, and meaning of the Law, with reasons for its peculiarities and observations on its value. A comparison of the Laws of Hammurabi. Dr. Lewellen.

17. *Monuments and the Bible* (three credits). Spring, 3 hours.

A study of the Assyrian, Babylonian, Egyptian and Palestinian monuments as recently discovered and translated, with their bearings on the contents of the Bible. Dr. Sears.

DEPARTMENT OF GREEK AND NEW TESTAMENT

- 1, 2, 3. *New Testament Greek (twelve credits)*. L L L
Fall, Winter and Spring, 4 hours.

A course preliminary to Greek Exegesis, including investigation of peculiarities of LXX. and New Testament grammar and syntax, with readings from the Septuagint and various parts of the Greek New Testament. Wescott and Hort's Greek Testament, Conybeare and Stock's selection from LXX. and Burton's Moods and Tenses, with reference to Buttman and Winer. This course must be preceded by two years of work in Classical Greek.

- 4, 5, 6. *Greek Exegesis (twelve credits)*.
Fall, Winter and Spring, 4 hours.

Rapid translation and interpretation of Paul's Epistles, followed by a special study in the Book of Romans, including analysis, word study, translation, study of moods, paraphrase and statement of the thought and argument. Must be preceded by the course above named.

- 7, 8, 9. *Hellenistic Greek (nine credits)*. Full year, 3 hours.

Readings from the Septuagint, Apocrypha, Philo, Teaching of the Twelve, and other sources which belong to the transitory Hellenic age of Greek literature, including comparisons between the Septuagint and the Greek New Testament. Given on demand.

10. *New Testament Introduction (three credits)*. Fall, 3 hours.

A brief course including a history of the text and canon of the Greek New Testament so far as it relates to the integrity and genuineness of the books, together with special introduction to the Letters of Paul.

11. *Textual Criticism and Selected Readings (nine credits)*.
Full year, 3 hours.

Methods of presentation of Gospel truth; history of Greek manuscripts, uncial and cursive.

12. Difficult passages selected from all parts of the Greek New Testament, involving Greek Exegesis.

13. Quotations from the Old Testament, involving the use of the Hebrew Bible, LXX., Latin Version, and the Greek New Testament.
14. (a) *Social Teachings of Jesus and the Apostles (two credits).* Fall, 2 hours.
 Social teachings of John and Jesus.
 Organization, development and equipment of the Church of Christ for the accomplishment of its mission in the saving of men. Alternates with Doctrine of Paul. Winter and Spring.

DEPARTMENT OF DOCTRINE AND EVIDENCE

- 1, 2, 3. *Christian Doctrine (nine credits).*
 Fall, Winter and Spring, 3 hours.
 A systematic arrangement of the several themes of Christian teaching, including the doctrine of God, creation and providence, Christ and the atonement, human sin and redemption, the church and its ordinances, death and eschatology. A text-book and assigned investigation. Dr. Sears.
4. *New Testament Literature (two credits).* Fall, 2 hours.
 Not only introduction, but survey of content of the several books of the New Testament. Dr. Lewellen.
- 5, 6. *Doctrine of Paul (four credits).* Fall, 4 hours.
 A course for the investigation of Paul's teaching as found in Pauline literature. The study is approached with the question, "What were the problems which came to Paul, and how did he solve them?" Prerequisite, Apostolic History and a course in New Testament Exegesis, English or Greek. Dr. Lewellen.
7. *Evidences of Christianity (six credits).*
 Fall, Winter and Spring, 2 hours.
 An examination of the claims of atheism, pantheism, and agnosticism, together with the basis of theistic belief. The claims of Christ as the Messiah of Israel and the Son of God tested by scientific principles involved in the history of his work and of the church. Dr. Lewellen.

8. *Philosophy of Religion (six credits).*

Fall and Winter, 3 hours. Given on demand.

The philosophical basis of theism, sin, atonement, revelation, human freedom, the future life and other doctrines. Text-book and discussions. Dr. Lewellen.

9. *Psychology of Religious Experience (three credits).*

Spring, 3 hours.

Investigations and analyses of religious experience in the light of psychology. Dr. Lewellen.

DEPARTMENT OF HOMILETICS AND MISSIONS

1, 2, 3. *Homiletics (nine credits).*

Fall, Winter and Spring, 3 hours.

A course on the preparation of sermons, including the theory of sermonic composition and criticism of sermons prepared by the student. Text-book and class drills. Prof. Sutton.

4, 5. *Church Ministries (four credits).*

Fall and Winter, 2 hours.

A course of lectures with assigned readings in the library, covering the ministries of the preacher outside of the pulpit, the conducting of various organizations and services in connection with the local church. Prof. Sutton.

6. *Sunday School Management (two credits).* Spring, 2 hours.

Lectures and reference work on the organization of the Sunday School and the work of the teacher. Prof. Sutton.

In addition to this work, a normal class is conducted in the Sunday School of the University; also, students are given experience in various forms of Sunday School work in the University Sunday School.

7, 8, 9. *Christian Missions (three credits).*

Fall, Winter and Spring, 1 hour.

A course of study embracing the history of missions, their success and demands. The University library will have a collection of books on missions, and these will be freely used. Prof. Sutton.

STUDENTS' LOAN FUND.

From various sources, notably from T. W. Phillips, New Castle, Pa., the University has received donations to a fund to be loaned to ministerial students who otherwise might be unable to pursue their collegiate work. These funds are available on the following conditions:

1. The applicant must be a member of the Church of Christ, duly endorsed by the officers of the congregation in which he has fellowship, and must declare his intention to complete a diploma course in the college, to become a preacher of the gospel and to return the loan at the earliest convenient date.

2. Loans must not exceed the minimum need of the student, must be used, first of all, to pay dues to the University; must be secured by notes with approved security; must bear eight per cent interest from the date of borrower's leaving the University; and in case of his failure to enter the ministry or his discontinuance of that work, must bear eight per cent interest from date of note.

L PREACHING AND OTHER EMPLOYMENT.

Experience has abundantly proved that any training for the ministry that does not include actual touch with the public through the pulpit during the collegiate course, must be seriously defective. The College, however, mindful of its own reputation, desirous of the greatest good to the churches, and seeking the best interests of the students, discourages regular engagements by men who are incompetent to do creditable sermonic work; and the faculty reserves the right to withhold any student from any religious service for which he is believed to be unprepared. Churches in and around Fort Worth are numerous, and there is probably no greater opportunity for preaching by competent students anywhere than near to this University. Ministerial students that have a fair degree of instruction often prove to be most successful preachers, and by their evangelistic enthusiasm under the advice of their teachers are able to strengthen churches and convert many to the faith.

Since Monday is not a day of recitation in this University,

students have time to return from places of preaching without losing work in the class-room. Those who can give evidence of ministry acceptable to the Churches will do well to write to the President in advance of coming, and an effort will be made to put them in communication with congregations desiring preachers. It is confidently believed that no successful preacher will fail of employment.

Students who desire to pay part or all of their expenses by manual labor either in the college or in the city will be advised by the President concerning opportunities for employment. Many young men and women who would be otherwise denied the privilege of collegiate education, are able in this way to advance side by side with their wealthier companions.

ACCOMMODATIONS AND EXPENSES.

The buildings of the University are large and commodious, and afford pleasant rooms for students and teachers near to the College boarding-hall where meals may be obtained. The Girls' Home furnishes good rooms for ladies who may attend the College of the Bible.

Goode Hall is being built for young men preparing for the ministry in which lodging will be provided at a nominal price and board at cost, subject to the approval of the Trustees. Under this arrangement expenses will be very light.

The tuition fee of students of the College of the Bible for the year is \$25.00, and the matriculation fee for the year is \$12.50. Both fees are payable in advance, and no fee will be refunded. An industrious man can earn part of his expense; and thus, whatever his financial status may be, the advantages of the College are placed within his reach.

COLLEGE OF FINE ARTS.

ORGANIZATION.

The College of Fine Arts is composed of the Conservatory of Music, the School of Oratory and the School of Painting and Drawing. It is esteemed no less important to provide an art atmosphere and to impart a culture in the arts than to give instruction in literature and science. The aim should be a real and earnest education rather than a mere commercial venture. This College is not a private institution run for financial gain, but a philanthropic effort to inspire and direct genius to noble endeavor, and so to make a genuine contribution to the happiness of mankind. With such a purpose, the University seeks to provide the best possible equipment and the most competent teachers available at the least possible cost to the student.

BUILDINGS AND EQUIPMENT.

It is planned that when the new buildings of the University shall be completed, ample and convenient rooms for every department of this College will be available. Likewise, new equipment is now purchased. Every piano comes direct from the factory of Wm. Knabe & Co., to the studios. New models will be supplied for the drawing tables, and spacious rooms will facilitate practice in public speaking. Every reasonable encouragement to successful training in these branches will be afforded.

CONSERVATORY OF MUSIC

FACULTY

WILLIAM B. PARKS, A. M.,

Acting President of the University.

F. ARTHUR JOHNSON,

Director of Conservatory of Music; Pianoforte and Pipe Organ.

HARALD R. TECHAU,

Pianoforte.

FRANK W. CUPRIEN,

Voice Culture.

LUCY AULT,

Violin and Theory of Music.

The Music Faculty is strictly one of European schooling. Each member has enjoyed the best of opportunities for music study in the leading conservatories and with the foremost private teachers in Germany.

MR. F. ARTHUR JOHNSON, *Director; Pianoforte and Pipe Organ.*

Mr. Johnson is a native of Chicago, Ill. He began his music studies in Minneapolis, Minn., studying there with Prof. C. C. Heinzmann. In 1896 he went to Germany, where he continued his music studies for five years. He was a student in the Royal Conservatory of Music in Leipzig for three years.

His teachers in this deservedly famous institution were: Johannes Weidenbach, Pianoforte; Adolf Ruthardt, Pianoforte, and Paul Quasdorf, Theory of Music. Subsequently he had private lessons for one year with Johannes Weidenbach. In 1900 he went to Dresden to become a pupil of the Composer-Pianist to the King of Saxony, Herrmann Scholtz. While in Dresden he studied Pipe Organ with Uso Seifert, Organist of the Reformed Church. In 1901 he returned to America and has since that time been a successful teacher of Pianoforte, Pipe Organ and Theory of Music in Seattle and Bellingham, Wash., and Waco, Texas.

The following is a quotation from the Diploma given to Mr. Johnson by his Dresden instructor:

"He gave me a great deal of pleasure by his exhibition of musical talent, earnest effort and technical knowledge. His work was particularly distinguished by intelligent interpretation, fine phrasing, rhythmical precision and a good style.—*Herrmann Scholtz.*"

A quotation from Mr. Johnson's diploma, given to him by the Royal Conservatory of Music in Leipzig:

"His playing was technically correct and displayed a flowing style and comprehensive musical intelligence.—*Johannes Weidenbach.*"

A LETTER

The following is a letter from Dr. S. P. Brooks, President of Baylor University, Waco, Texas:

OFFICE OF PRESIDENT

To Whom It Concerns:

Professor F. Arthur Johnson, Vice-Director of our Department of Music and one of our finest professors of piano, will probably give some concerts in the nearby towns to Waco during the winter and spring.

I regard him one of the finest pianists of the State, and believe that his entertainments will be of the highest class. I commend him to those who would like to develop high grade music in their communities.

December 16, 1909.

S. P. BROOKS,
President.

PRESS NOTICES

CONCERT AT THE COLUMBIA THEATRE

MRS. KOFOED AND MR. JOHNSON CHARM A VAST AUDIENCE

(*Capital News*, Boise, Idaho, August 10, 1906.)

A flutter of fans over a sea of white dresses, shaded by the dark suits of the gentlemen, formed as animated a scene in the Columbia Theatre last evening as has been witnessed this season, the occasion being a vocal and instrumental entertainment given under the direction of the Eilers Piano House by Mrs. Blanche Irbe Kofoed, vocalist, and Mr. F. Arthur Johnson, pianist. It was the first appearance of these finished artists before a public audience in Boise, and the introduction was equally flattering to each.

Mr. Johnson's touch, phrasing and interpretation of the varied and intricate music which composed his numbers was a surprise and delight to everyone who possessed the natural ear and experience to appreciate the work of the cultured artist at the piano. He drew from it the delicate murmurs of love birds, the rippling cadences of the waves on the beach as well as the crescendo crash of the billows wrestling with the winds. Mr. Johnson is from Texas and but recently returned from a five years' course of study under the masters at Leipzig, Germany, and therefore he is a finished artist.

(*The Daily Statesman*, Boise, Idaho, August 18, 1906.)

An audience which packed the Columbia Theatre greeted Mrs. Blanche Irbe Kofoed, one of Seattle's talented vocalists, and Mr. F. Arthur Johnson of Waco, Texas, a rising composer, when they made their initial appearance before a Boise audience last evening. The program, with the exception of one number by Schumann played by Mr. Johnson, was entirely modern. Mr. Johnson played with excellent expression and sentiment,

four of his most charming numbers being his own compositions, his "Barcarolle" being unusually attractive.

(*Seattle Times*, December 21, 1901.)

At this concert Mr. F. Arthur Johnson, who is a pupil of Herrmann Scholtz of Dresden, Germany, made his first appearance before a Seattle audience. His renditions of the works of Scholtz, under whom he studied at Dresden, was very much appreciated, as was also "Song of the Nymphs," his own composition. His technique was beautiful and all of his numbers were keenly enjoyed.

(*Waco Times-Herald*, April 6, 1904.)

Mr. Johnson was accompanist both for the voice and the violin as well as soloist. This gave the better opportunity to test the thorough conception of his art, the power at one time to thrust into prominence another instrument, and at another, to hold the attention to his own. One feels in listening to Mr. Johnson that he not only reproduces the compositions of the masters, but that he understands them.

(*Marlin (Texas) Democrat*, December 13, 1903.)

Prof. Johnson is a pianist of exceptional ability and demonstrated that fact anew last night. It was worth the price of admission to hear him alone. His mastery of technique as well as the higher musical qualifications, were fine and it was a rare treat to hear him.

(*The Crest*, Dallas, Texas, April 16, 1904.)

Mr. Johnson, who comes to us from years of study in Leipzig and Dresden, has a remarkably matured musicianship with an unimpeachable clearness of technique and both as soloist and accompanist displayed a mastery of conception of his score.

(*The Lariat*, Waco, May 23, 1903.)

One of the features of the program was the work of Prof. Johnson, whose presence at the piano always means much of melody. His rendition of the "Marche Grotesque" received especial attention from the listeners, and the applause it received was as genuine as it was merited.

(*The Daily Plaindealer*, Grand Forks, N. D., August 31, 1901.)

Mr. Johnson is a pianist who is disposed to give the greatest care to the thoughtful interpretation of the work he has in hand, and his playing of the "Humoresque" yesterday evening showed this disposition immediately. Continuing, he brought much of musical warmth into the various numbers of the program, and pleased his audience immensely.

(*Grand Forks Herald*, Grand Forks, N. D., August 25, 1901.)

Mr. F. Arthur Johnson, in his rendition of the Sinding number, was very brilliant and effective, and his left hand work was especially good. In fact, all of his playing showed thorough, conscientious training, intelligent conception, and musical spirit, and we hope that he may be heard again soon.

(*Waco Times-Herald*, April 6, 1904.)

Mr. Johnson played to advantage on a splendid Knabe Concert Grand piano sent specially for this occasion from Dallas, and proved to us once more that he is a serious pianist and musician, not merely seeking pianistic effects, or display of virtuosity, but an artist, deeply thoughtful. He was at his best in Schumann's "Novelette." Mr. Johnson is also a splendid accompanist.

(*Dallas News*.)

"Paderewski charmed an audience of eight thousand souls; little Evelyn Kyger, with her improvisations, charmed Paderewski."

On the evening of April 21, 1902, in Dallas, Texas, Ignace J. Paderewski played before an audience of eight thousand people.

During the day Evelyn Kyger, 11 years of age, accompanied by her father and her teacher, called at the great musician's private car to see him. His unswerving custom is to see no one on the day of his recitals. His manager refused the little party, but told Mr. Paderewski that a little girl, reputed to be gifted in music, had called to see him. As she lingered a moment the great master of music, who had played before the crowned heads of Europe, with his wife, came from their car to enjoy their evening drive. Upon seeing Evelyn he paused before entering his carriage and asked his manager if that was the child

musician. Speaking very graciously to her, he asked her into his car and invited her to sit down at his piano and play for him. Upon hearing her improvisations he expressed himself delighted with her playing. Among other favorable things he said: "She is very talented and possesses a great deal of temperament." Madam Paderewski embraced the child graciously and as a pleasant remembrance of her appreciation, gave her a box of bon bons.

Paderewski, in bidding her adieu, said: "Be good, study hard and some day you'll play for multitudes."

Evelyn's teacher is Mr. F. Arthur Johnson, student of Johannes Weidenbach of the Royal Conservatory of Music in Leipzig, Germany, and of Herrmann Scholtz, Pianist to the King of Saxony, at Dresden, Germany.

She is the daughter of Mr. and Mrs. John C. F. Kyger, Waco, Texas.

MR. HARALD R. TECHAU, *Pianoforte*.

Mr. Techau is a native of San Francisco, Cal. At an early age he went to Dresden, Germany, where he had the best of opportunities for music study. He studied for some years with Prof. Eugene Krantz, Director of the Royal Conservatoire, also with Rudolf Remmel and Herrmann Vetter of that institution and later on with Herrmann Scholtz, the celebrated authority on Chopin. He then went to Leipzig, where he studied with Adolf Ruthardt, Paul Quasdorf, S. Jadassohn, Robert Teichmueller and Prof. Carl Wendling of the Royal Conservatory of Music, of which institution Mr. Techau is a graduate. Since his return to America in 1905 he has followed the profession of teaching with success.

MR. CUPRIEN, *Voice Culture*.

Mr. Cuprien was born in Brooklyn, N. Y., and comes from a music-loving family. At an early age he had opportunities to hear good music. In 1895 he went to Europe and studied with Prof. Rebling at the Leipzig Conservatory. He had six years of private study with Boehme-Koehler, a teacher of high

proficiency who had Italian schooling. He studied all the modern and classic composers embracing the oratorios and operas from Mozart to Wagner, including the modern Italian composers. He had dramatic instruction with Herrmann Proft and opera coaching with Goldberg of the Leipzig Opera. Mr. Cuprien sang the solo parts of Becker's Oratorio, "Seligaus Gnade," in the St. John's Church in Leipzig, and often appeared in other oratorios and concerts. He sang the solos in Mendelssohn's Elijah in Coethen and in Chemnitz he appeared in concert with the Chemnitz Orchestra. The famous Gewandhaus director, Arthur Nikisch, for whom he sang, had nothing but words of praise for him. Mr. Cuprien taught in Leipzig, and since his return to America in 1907 he has been a successful teacher in Waco, Texas.

MISS LUCY AULT, *Instructor of Violin and Theory of Music.*

Miss Ault completed in 1908 a three years' course at the Conservatory of Music in Cologne, Germany. She pursued her studies under Carl Koerner, violin master, and Carl Boettcher, pianist, while Ewald Straesser, a distinguished composer, instructed her in Theory of Music. For two years she was a member of the Guerzenich Orchestra of Cologne, under the direction of Fritz Steinbach. She taught for two years at Fort Worth University. Victor Herbert praised Miss Ault's violin playing very highly when he was in Fort Worth recently. She was a member of a string quartette in Cologne.

EQUIPMENT

The University has purchased direct from the factory twenty-five Knabe upright pianos for practice purposes and three grand pianos, one of which is a full sized concert grand for recital and concert purposes. The practice rooms are sound proof, well ventilated, steam heated and well lighted. The practice pianos are kept in good tune. There are also several violin practice rooms in the Music Hall. A practice monitor keeps a record of the student's attendance and work.

PIANOFORTE

MR. JOHNSON AND MR. TECHAU.

First Grade.—Gurlitt, Op. 83; Koehler, Op. 50; Doering, Op. 76; Duvernoy, Op. 176; Burgmueller, Op. 100.

Second Grade.—Brauer, Op. 15; Dussek, Op. 20; Clementi, Op. 36, 37, 38; Sartorio, Op. 214; Loeschhorn, Op. 65; Diabelli, Op. 151, 168; Lemoine, Op. 37; Reinecke, Op. 77.

Third Grade.—Duvernoy, Op. 120; Doering, Op. 8; Kuhlau, Op. 20, 55, 59; Berens, Op. 61; Doering, Op. 38; Czerny, Op. 821; Bertini, Op. 29, 32; Reinecke, Op. 47; Koehler, Op. 60.

Fourth Grade.—Krause, Op. 2; Haydn and Clementi Sonatas; Czerny, Op. 299; Grieg, Op. 19, 28, 43; Herrmann Scholtz, Op. 2, 3, 7; Berens, Op. 88; Heller, Op. 45, 46, 47; U. Seifert, Op. 48.

Fifth Grade.—Hasert, Op. 50; Loeschhorn, Op. 66; Doering, Op. 24; Clementi, Haydn, Mozart and Beethoven Sonatas; Modern Compositions by Grieg, Tschaikowsky and Moskwsky.

Sixth Grade.—Loeschhorn, Op. 67; Czerny, Op. 337; H. Scholtz, Op. 31, 65; MacDowell, Op. 51; Compositions by Sinding, Rheinberger, Schumann and Chopin.

Seventh Grade.—MacDowell, Op. 39; Bach Two-part Inventions; Cramer Studies; Kleinmichel, Op. 57; Compositions by Mendelssohn, Schubert, Reinecke, Beethoven and Brahms.

Eighth Grade.—Czerny, Op. 740; Cramer Studies continued; Bach Three-part Inventions; Clementi, Gradus ad Parnassum; More Difficult Compositions of MacDowell, Chopin, Schumann and Beethoven.

Post-Graduate.—Chopin Studies; Moscheles, Op. 70; Bach, Well-Tempered Clavichord; Concertos by Mozart, Beethoven, Mendelssohn, Grieg, Schumann and Tschaikowsky.

REQUIREMENTS FOR GRADUATION

In this department the requirements for graduation are as follows:

Eight grades, as stated in the Catalogue, must be completed; also the full course in Harmony.

A recital play from memory must be given by each graduate. The program must consist of at least nine compositions, three of which must be of the same grade of difficulty as those of the following list. These three compositions may or may not be chosen from this list. This will be decided by the instructor, according to the needs of the pupil: Any Bach Prelude and Fugue from the well-tempered clavichord; any Beethoven Sonata.

The more difficult Haydn, Mozart, Clementi, Hummel and other classic sonatas.

Schumann, Op. 12, Op. 18, Op. 21; Weber, Op. 62, Op. 72; Perpetuum mobile; Chopin, Ballade, Op. 47, Nocturnes, Polonaises, Impromptus, Berceuse, Op. 57.

Mendelssohn, Op. 14, Op. 16; Grieg, Op. 35, Op. 65, No. 6, In the Whirl of the Dance, Op. *posth*; Herrmann Scholtz, Op. 31, Op. 65, Op. 71.

All music graduates will be required to qualify for entrance in the Freshman class in English, General History and Elementary Physics.

A course of study is offered to those desiring to take the B. Mus. degree.

A Certificate of Proficiency will be granted to music students who have complied with all requirements for graduation, excepting the eighth grade and the graduating recital. Such students, however, must have played at least twice in student recitals.

MUSIC CREDITS FOR PIANOFORTE

Realizing the value of music study to general education, the faculty of the University has decided to allow fifteen credits toward the A. B. degree for work completed in this department as per schedule below. Such credits are, however, available

only to graduates of the Conservatory of Music.

First Grade	1 credit
Second Grade	1 credit
Third Grade	1 credit
Fourth Grade	1 credit
Fifth Grade	2 credits
Sixth Grade	2 credits
Seventh Grade	2 credits
Eighth Grade	2 credits
Full course in Harmony	2 credits

THEORY OF MUSIC

MISS AULT

Harmony (Jadassoh's Method).—This course includes the following subjects: Intervals; Triads and their inversions; Chords of the Seventh and their Inversions; Altered Chords; Suspensions; Organ Point; Passing and Changing Notes; Modulations and Cantus Firmus. All music students who desire to graduate are required to complete this course.

Counterpoint.—This course requires knowledge of Harmony.

VOICE CULTURE

MR. CUPRIEN

Grade I.—Voice production according to the principles of Italian masters, embracing the fundamental knowledge of proper breathing, correct formation of the vowels; control of breath; and an understanding of tone resonance which is most essential for equalizing the Voice. Physiology of the Voice, Elementary exercises according to the ability of the pupil; Panofka, Book I, Easy Songs.

Grade II.—Scales and various technical exercises for the cultivation of flexibility, Concone, Panofka, Book II, Sieber, English Songs and Ballads.

Grade III.—Former work continued with more attention to pure tonal quality. Marchesi, advanced studies in connection with a higher grade of songs.

Grade IV.—Nava, Vaccai and Viardot Studies; Songs by English and German Composers, with particular care taken to master the vowel and consonant articulation, phrasing, etc.

Grade V.—Lamperti Studies and more difficult vocalise continued; collection Luetgen, Mendelssohn Songs.

Grade VI.—Lamperti Daily Studies, Scales, Arpeggios, Staccato, Portamento, Legato, Lablache, Trill Studies, Songs and Arias, French Composers.

Grade VII.—Studies by Aprile, Bordogni, S. Marchesi, Lamperti Bravura, Pietro del Winter, Italian pronunciation, Italian Songs with special attention given to the control of the breath, Solfeggi fugati, Porpora, 1686-1767.

Grade VIII.—A general review of all former work with accurate attention given to correct pronunciation, interpretation, etc.

Graduates in Voice must have completed eight grades as stated in the Catalogue and have a general knowledge of Classic and Modern Music; four grades in Pianoforte; the full course in Harmony and proficiency in Sight Singing.

The graduate must be able to sing Arias from Opera or Oratorios from memory and songs by composers of merit, such as Schubert, Schumann, Franz, Brahms, Grieg, Massenet and Tschaikowsky.

All music graduates will be required to qualify for entrance in the Freshman class in English, General History and Elementary Physics.

The Post-Graduate Course is a continuation of former work of a higher standard, enlarging the repertoire.

The Conservatory of Music has its various clubs which are free to the music students: The Glee Club, a mixed chorus, a male quartet and a girls' quartet.

A class in Sight Singing will be organized and will meet twice a week.

Music credits toward the A. B. degree for Voice:

First Grade	1 credit
Second Grade	1 credit
Third Grade	1 credit
Fourth Grade	1 credit
Fifth Grade	1 credit
Sixth Grade	1 credit
Seventh Grade	2 credits
Eighth Grade	2 credits
Full course in Harmony	2 credits
Four grades in Piano	2 credits
Sight Singing	1 credit

VIOLIN

MISS AULT

First Grade.—Half-tone system, Op. 2, Book I; Bow-Technic, Books I-II, by O. Sevcik, First Position.

Second Grade.—Scales and Studies in all Major and Minor Keys, Op. 39, Books I, II and III, by J. Dont; Exercises by Kayser; Book I, by H. Ries; Violin Duets, Op. 8, by Pleyel.

Third Grade.—Schradiack's Exercises; Position Studies, by H. Sitt; Studies in combining the Lower Positions, Op. 38-a and 38-b, by J. Dont; Solos by C. Bohm, G. Papini, etc., with piano accompaniment.

Fourth Grade.—Sitt Scales and Arpeggios; Schradieck's Exercises continued; Preparatory Studies to Kreutzer and Rode, by J. Dont, Op. 37; Violin Duets, Op. 38, by Mazas; Solos of medium difficulty by Modern Composers.

Fifth Grade.—Sitt Scales continued; Studies by Kreutzer, not including Double Stopping; Concerto by Accolay; Mittell Classics.

Sixth Grade.—Double Stopping Etudes by Kreutzer; Studies by Fiorillo; Sevcik Violin Technique, Op. 1, Part I; Exercises in Double Stoppings by Sevcik; Solos in line with De Beriot's *Airs Varies* and *Scene de Ballet*.

Seventh Grade.—Studies by Rovelli; Concertos by Rode, No.

4 and No. 7; Viotti, No. 23; Sonatas by Haydn and Mozart; Sevcik, Op. 1, Part II.

Eighth Grade.—Caprices by Rode; Concertos by De Beriot; Sonatas by Beethoven; Morceau de Salon.

Ninth Grade.—(*Post-Graduate.*)—Studies by Gavinies (Les Vingt-quatre Matinees); Concertos by Bach, Mozart and Mendelssohn; Solos by Wieniawski; Sevcik, Op. 1, Part III.

Tenth Grade.—Etudes and Caprices by J. Dont, Op. 35; Caprices by Paganini; Studes d'Artiste by Mazas; Solo Sonatas by Bach; Concertos by Beethoven, Vieuxtemps and Bruch; Solos by Ernst and Sarasate.

REQUIREMENTS FOR GRADUATION

In this department the requirements for graduation are as follows:

Eight grades, as stated in the Catalogue, must be completed: The full course in Harmony and two grades in Piano. A recital must be given by each graduate.

The program must consist of a Concerto in line with de Beriot's; a classical Sonata, Beethoven, Mozart, or Haendel, and a number of shorter compositions by modern and classic composers.

Students will be required to qualify for entrance in the Freshman class in the following subjects: General History, Elementary Physics and English.

Music credits toward the A. B. degree for Violin:

First Grade	1 credit
Second Grade	1 credit
Third Grade	1 credit
Fourth Grade	1 credit
Fifth Grade	2 credits
Sixth Grade	2 credits
Seventh Grade	2 credits
Eighth Grade	2 credits
Full course in Harmony	2 credits
Two Grades in Piano	1 credit

NOTE.—An Orchestra will be organized.

PIPE ORGAN

MR. JOHNSON

It is necessary for the student of Organ to have had some preliminary Pianoforte study. The following literature is used: Merkel's Organ School, Pedal Studies of Schneider, Hesse, Pedal Studies and Preludes and Fugues of Bach, and other compositions by Eberlin, Merkel, Rembt, Fisher, Rheinberger, Guilmant, Brosig, Rinck, Thomas, Pachelbel, Mendelssohn, Bach, Schumann, Widor and Saint-Saens.

TUITION

	Fall Term.	Winter Term.	Spring Term.	Single Month.
Pianoforte with Director.....	\$50.00	\$37.50	\$37.50	\$13.00
Pianoforte with Mr. Techau.....	36.00	27.00	27.00	10.00
Harmony in Class with Miss Ault..	16.00	12.00	12.00	5.00
Harmony, Private Lessons, with Miss Ault	28.00	21.00	21.00	8.00
Voice Culture with Mr. Cuprien....	40.00	30.00	30.00	11.00
Violin with Miss Ault.....	40.00	30.00	30.00	11.00
Pipe Organ with Mr. Johnson.....	50.00	37.50	37.50	13.00
Sight Singing	8.00	6.00	6.00	3.00

HALF TIME STUDENTS

Students taking half time in Music will be charged sixty per cent of the regular full time rate.

RECITAL ANNOUNCEMENT

(*Waco Times-Herald*, February 27, 1910.)

On Monday, February 28, at 8 o'clock, Mr. F. Arthur Johnson, Director of Music at Baylor University, will give a piano recital of Swedish-Norwegian Music free to the public, and all are cordially invited to attend. Mr. Johnson is well known in Waco and has, for a number of years, been closely identified with the best musical circles of the city. He has always been

generous to the public with his beautiful gift and that he has consented to give a whole recital for the pleasure of Waco's music lovers is only another evidence of his altruistic spirit. Waco has learned to love his music and consequently a large audience will be present to hear the program.

PIANO RECITAL

GIVEN BY

MR. F. ARTHUR JOHNSON

AT

CARNEGIE LIBRARY, WACO, TEXAS

FEBRUARY 28, 1910

SWEDISH-NORWEGIAN PROGRAM

I

- Sonata—Opus 7 *Grieg*
 Andante Molto
 Menuett
 Molto Allegro

II

- a. Crescendo *Lassen*
 b. Melodie *Sinding*
 c. Marche Grotesque *Sinding*

III

Swedish Folk Songs, arranged for piano

- a. Vermelands-visan
 b. Gammal Marsch
 c. Det star ett ljus i Oesterland

IV

- a. Marche Funebre *Grieg*
 b. Erotique *Grieg*
 c. Humoresque, Op. 6, No. 2 *Grieg*
 d. Notturmo *Grieg*
 c. Humoresques, Op. 6, Nos. 3 and 4 *Grieg*

V

- a. Swedish Wedding March *Soedermann*
 b. Tone Poem *Sjoegren*
 c. Erotique *Sjoegren*

MUSIC NOTES

"Music hath charms."

HARMONY

No music student is well equipped without a thorough knowledge of Harmony. Courses are offered for class lessons or private lessons.

FACULTY CONCERTS

The Music Faculty will give occasional concerts during the school year. These concerts will be free to the music students. Hearing good concerts is a decided aid to the serious music student from an educational standpoint.

STUDENT RECITALS

Student recitals will be given. These are particularly beneficial in cultivating confidence for public playing or singing as all students will give their part of the program from memory. Not only the advanced students, but those in the easier grades will be given the opportunity to take part in recital programs.

"Time is the soul of music."

MATRICULATION

Music students should matriculate on the first day of each term.

TUITION

Tuition is payable strictly in advance and the music student must present a matriculation card from the Registrar's office to the director before lesson hours can be assigned.

GRADUATION

In all but very exceptional cases, students already advanced when entering the Conservatory of Music will be required to spend two full years before they can graduate.

PRIVATE LESSONS

Private lessons of two half hours per week are given to all students in Pianoforte, Voice Culture, Violin and Pipe Organ.

DIPLOMAS

A diploma is granted to music students completing a special course.

BEGINNERS

Beginners are always welcome, and for such there will not be any entrance requirements. Preparatory students will receive special attention and parents will find it greatly to their advantage to enroll their children in the Conservatory of Music.

ABSENCE FROM LESSONS

If students are absent from their lessons the lessons will not be made up. If lessons are lost on account of the absence of the instructor the lessons will be made up.

CONSERVATORY ADVANTAGES

The Conservatory of Music offers exceptional advantages to the student who desires to study music as a profession and affords every facility to those who study music as a part of a liberal education.

TIME OF ENTRANCE

Music students may enter any of the departments at any time, but it is advisable to enter at the beginning of the school year.

STUDENT RECITALS

Pupils are required to take part in recitals when requested to do so by their instructor.

NATIONAL HOLIDAYS

The Conservatory of Music will observe all National holidays, and no refund will be granted for lessons missed on these days.

Also, no refund for lessons missed during the regular examinations which occur on the last three days of each term.

LIBRARIES AND SOCIETIES

The city and college libraries and also the literary societies of the University are open to all music students .

PUBLIC PLAYING

Music students are required to have the consent of their instructor and the Director if they wish to take part in public concerts not given in connection with the Conservatory of Music.

SCHOOL OF ORATORY

CLYDE BATSELL REEVES, *Principal*.

HARRY TRUMBULL SUTTON, *Assistant*.

GENERAL OUTLINE

The instruction of the department will include the art on Public Speaking, the study of the basic principles which underlie the Philosophy of Expression, Physical Culture, Dramatic Training, Elocution and the writing and delivery of Formal Orations.

The aim of the work at all times, is to make natural readers and speakers and to discourage artificiality and imitation. Principles of thought and expression are established and applied by the student to selection of oratorical worth. The system teaches that there can be no right speaking without right thinking, and that the way to secure right thinking is to enlarge the powers of observation, memory and reason.

Stress is laid on originality in the interpretation of thought and emotion, expression determined by the thought rather than the form of sentence, rational gestures prompted by impulse, and vocal culture that carries on voice-building and mind-training simultaneously.

In perfecting the young orator special attention is given to the cultivation of physical as well as vocal expression, to aid him in acquiring a cultured voice and a responsive body. "The language by which man's inner life is read, is that of the two natural avenues of expression, voice and gesture, the two powers by which man reveals the entirety of his being." Such exercises are given as will strengthen and free the voice from all imperfections, and enable it to respond to the higher impulses of the soul.

The next important step after the cultivation of vocal expression is the study of physical expression or gesture. It is the purpose of the teacher to give exercises and movements that will create responsiveness in the nerve centers, and allow the

body to move with perfect freedom and ease in response to the mental concept. When the body is cultivated to responsiveness the right mental activity will create the right gesture.

COURSE OF INSTRUCTION

The School of Oratory offers two courses of instruction, viz.:

1. Public Speaking and Debate.
2. Interpretative Reading.

COURSE I

Public Speaking and Debate.—Evolution of Expression, Voice, Gesture, Study of Masters and Masterpieces of Ancient and Modern Oratory, Writing and Delivery of Orations, Hymn and Bible Readings, Extemporaneous Speaking, Debate.

COURSE II

Interpretative Reading.—Evolution of Expression; Prose Forms, Expressive Study of Description and Narration. Poetic Interpretation; study of Epic, Lyric and Dramatic poetry with special reference to the needs of the public reader. Verse forms, tune and rhythm. Impersonation and Monologue, Dialect Studies, Arrangement of Programmes, Abridgement and Adaptation of selections for Public Reading, Writing of Introductions.

VOICE TRAINING IN COURSES I AND II

Physiology and Hygiene of Voice, Technical Vocal Training, Breath Control; tone projection, development of resonance, flexibility, freedom and power of tone, eradication of faults in use of voice. Articulation, Expressive Voice Culture; Voice as interpreter of mental states, tone color and form, relation of voice to imagination and emotion.

Text Books Used.—Evolution of Expression, four volumes, Emerson; Perfection Laws of Art, four volumes, Emerson; Psychology of Voice and Gesture, Emerson; How to Teach Reading, S. H. Clarke; Principles of Vocal Expression and

Literary Interpretation, Clarke and Chamberlin.

DRAMATIC CLUB

Students of the Junior and Senior Oratory classes are eligible to membership in the T. C. U. Dramatic Club. While we do not offer any course of training for the stage, we believe that work done in dramatics is of great value to the student of the platform in that it develops ease and flexibility of movement, directness of address and a deeper, fuller appreciation to dramatic literature.

RECITALS

Public recitals will be given by members of the department who are prepared, at regular intervals during the scholastic year. The Literary and Debating Societies of the University furnish excellent opportunities for practice in public reading and speaking.

CONTESTS

Students of Oratory have splendid opportunities to measure their skill in the various oratorical contests held throughout the session. In the fall term is held a Declamatory Contest, under the auspices of the three literary societies. The annual preliminary trial for the representation of the University in the State Prohibition Contest comes during the Winter Term. In March is held a similar preliminary for the Inter-Collegiate Oratorical Contests. We believe that no school in the country has a more enthusiastic interest in oratorical attainments than has Texas Christian University.

CLASS WORK

In every walk of life it is eminently essential that men and women should know something of the rules of, and have some practice in, public speaking. Whether one chooses for his vocation law, medicine, theology, teaching or any other of the professions, he will find himself seriously handicapped if he has not spent some time upon the forms of public address. While

a really great orator is as rare as a really great artist, still, all who possess a good literary foundation, strong determination and quick powers of thinking, may become good speakers. Constant practice based on hard thought and a constant effort to improve will make the tyro into a fair speaker, the fair speaker into an adept, sometimes the adept into a champion.

With these facts in mind, and for the purpose of reaching the bulk of the student-body, we have added to the regular work of Oratory two classes in Public Speaking and Debate, offering the ground work of these subjects at a merely nominal figure. These classes will in nowise take the place of the usual private instruction, hitherto offered in this department, since individual training upon selections, declamations, orations and sermons can only be given in private lessons. Still this work will be of value to those who for various reasons find it impossible to take the course more in detail. Regular college credits will be given for these courses.

DIPLOMAS

Students who have satisfactorily completed the prescribed work in either course, made an average grade of B in the quarterly examinations, and further possess a literary education equal to that required for admission to Freshman standing in the College of Arts and Sciences, will receive a diploma of graduation.

SCHOOL OF PAINTING AND DRAWING

DURA BROKAW COCKRELL*

KATE N. JACKSON

Recognizing the fact that the study of art should be broad and comprehensive, that creative ability in every individual should be encouraged and that students should have opportunity to secure the greatest return for the time spent in study, this department has established courses which will not only develop skill in drawing, but will also acquaint students with the fundamental principles of art; with beauty of line, tone and color; and with the best examples of the various phases of art in the world's history. The desire of the department is to offer a means of general culture, and a training that shall lead to fitness in the choice of life work.

COURSES OF INSTRUCTION

The branches of instruction are drawing and painting from antique, life and still-life, outdoor sketching and china painting. Pencil, charcoal, pen and ink, water-color, and pastel are used as mediums.

Antique Class.—Drawing in charcoal from casts which are provided in the studio, including most of the classic models.

Life Class.—Drawing from the living model, including pencil sketches from the full figure with a view of illustration and studies of the head in charcoal with a view to portraiture.

Still-life Class.—Painting from still-life which includes representation and arrangements of objects such as vegetables, fruits, flowers, furniture and things of common interest.

Painting in Oil.—Oil is used as the fundamental medium for the expression of color and is employed in the still-life and life classes.

Water Color.—Water color is used very generally and seems

* On leave of absence.

to be a favorite medium for figures and landscapes.

Pastel.—This medium is used less than the others, but familiarity with its use is required in the regular art course.

Decoration and Design.—Special attention is given to china decoration and original designing is encouraged. Pyrography and Stenciling are given if desired.

Out-Door Sketch Class.—Much importance is attached to the sketch class which meets in the open at least one day each week.

Art History.—Regular students are given free tuition in the Art History class. This class is very beneficial in creating an interest in all that pertains to art and in making one familiar with the best work of the old masters. The "History of Christian Art" is studied, alternating with "Present Day American Artists."

Drawing Class.—A drawing class is provided mainly to meet the needs of the public school children. This class meets two hours each week and gives its members training in the fundamental principles of art.

ART LECTURES

Art lectures and exhibitions will be provided for the students from time to time, and they may also have the benefit of the course of art lectures which is given in the city each winter.

EQUIPMENT

The Art School has well-lighted, well-ventilated and well-equipped apartments, so that there is an atmosphere of beauty and refinement in the surroundings which is very conducive to true art-culture. The studio is well provided with plaster casts, still-life models and reproductions of masterpieces for study. The country closely surrounding the campus is ideal for an outdoor sketching class; the most beautiful phases of nature are close at hand, inviting one's study.

CHINA KILN

The best china kiln is provided by the school, as well as all

other conveniences for china decoration. Firing is done as often as the student requires, usually twice a week.

ART CLUB

An Art Club called "The Brushes" is organized for the benefit of all art students. This club has for its object the furtherance of the general art interests of the school and is a source of benefit and pleasure to its members.

EXHIBITIONS

The best work of the students will be exhibited at least once each term, when visitors will be invited. At this time collective criticisms will be given, with recognition of good work by honorable mention.

HOURS FOR WORK

The classes meet five days a week for three hours, both morning and afternoon. The students being given all the help that is consistent with their advancement and care is taken to prepare them for a time when they must work alone.

DIPLOMAS OF GRADUATION

A diploma will be conferred upon students who have completed the full three years' course, which comprises work from elementary drawing up to portrait painting. Students will be given full credit for work done in other art schools on presentation of such drawings and letters as give evidence of ability to undertake the work desired.

COLLEGE OF BUSINESS

FACULTY

J. A. DACUS, M. Acc'ts,

Penmanship, Office Work, Banking, Advanced Dictation.

-----,

*Bookkeeping, Business Practice, Business Correspondence,
Business Spelling.*

(To be supplied.)

-----,

Shorthand and Typewriting.

(To be supplied.)

C. H. ROBERTS,

Commercial Law and Civil Government.

MRS. JOHN W. KINSEY,

English Grammar and Commercial Arithmetic.

GENERAL STATEMENT

The Principal of the College of Business gives his entire time to teaching and general supervision. He is assisted by competent teachers in the department, and several of the subjects in both Bookkeeping and Stenography are taught by the regular College professors. In point of equipment, courses, advantages, etc., the College of Business is second to no other similar department or Business College in this part of the country. It is complete

within itself.

The purpose of the courses offered in the College of Business is to supply the facilities for the training of young men and women who desire to enter upon business careers; to impart that knowledge most valuable and essential to all persons seeking an honest living; and, in fact, practically to qualify young men and women for the stern realities of life. Its work is based on the belief that through a study of commercial methods and economic forces, a young man may obtain at least as valuable mental discipline as in the so-called culture studies and in addition will gain practical knowledge and habits of thought that make for efficiency in business. Again its work is based on the demonstrated fact, that every person should have a knowledge of commerce, accounts and finance, because these are necessary elements in every day life. The modern business man needs training of the highest order, combined with a knowledge of the mathematical, physical and social sciences and of their application to commerce and industry. The present age is a commercial one with rapid development of modern industrial processes. The growing demand of the present age is commercial education. The purpose of the College of Business of the Texas Christian University, with its splendid equipment, courses and advantages, is to meet that demand.

LOCATION AND SPECIAL ADVANTAGES

1. The location is most desirable. Fort Worth is an important railroad center, and is accessible from every direction. The University grounds are more than 100 feet above the city, making it not only cool and delightful, but affording a commanding and inspiring view.

2. A well organized Academy makes it possible for a student to review any literary branches in which he may be deficient and at the same time take his business education. Any course in the University, for which the student is prepared, is open to the student of this department. So also are the departments of music, oratory and art open to them. Students of this department may, therefore, with only a slight increase in expenses take almost any work he may desire.

3. The library privileges of the University are open to the students of the Business College.

4. The buildings are commodious and all recitation rooms and dormitory rooms are heated by steam, have electric lights and are supplied with pure artesian water.

5. The young ladies are under the immediate care of a competent lady principal.

6. The students of this department have access to the natatorium and gymnasium, and have an equal footing on all the athletic training of the University.

7. The personnel of the student body is a matter of pride. The majority of the students are young men and women of high ideals and lofty purposes. They are in school because they want an education.

8. The moral and religious tone of the University is of a high order. The University Church, the daily chapel exercises and the student religious organizations provide for the moral and spiritual well-being of the student in an effective way.

9. Considering the advantages offered, the expenses are exceedingly small.

EXPENSES

Fall. Winter. Spring.

Complete course in Accounting, including Banking, Commercial Law and Typewriting	\$25.00	\$20.00	\$20.00
Complete Stenographic Course, including Typewriting and Commercial Law	25.00	20.00	20.00
Both the above Courses combined.....	30.00	25.00	25.00
Typewriting, alone	4.00	3.00	3.00
Banking alone, complete course.....	10.00		
Typewriter rent	5.00	3.75	3.75
Adding machine rent	2.50	.....	.....
Board and Room	\$20.00 per month		
Books and supplies from \$10.00 to \$18.00, according to work pursued.			

PREPARATORY COURSE

For the benefit of those who have been out of school for some time and are "rusty," and for those who are deficient in such studies as Grammar, Arithmetic, Reading, etc., we give a preparatory course. If the student is really deficient, it will require some four or six months' earnest work before he will be able to take up the Business or Shorthand Course, but if he is only "rusty," or deficient in one or two studies he may enter upon a Business or Shorthand course at once, and join these preparatory classes, and make up his deficiencies, and at no additional cost in tuition. This is one of the many advantages the students has here that he can not get at any regular business college. These preparatory classes are taught by our regular literary teachers.

BUSINESS COURSE

Bookkeeping, Business Practice, Commercial Arithmetic, Penmanship, Typewriting, Business Spelling, Commercial Law, Business Correspondence, English Grammar, Civil Government, Office Customs.

BOOKKEEPING AND BUSINESS PRACTICE

The course in Bookkeeping is practical and interesting from beginning to end. It is presented in such a way that the student "learns to do by doing." The work is given in sets representing the general lines of business. It begins with the first principles, namely, teaching the student how to systematically make records of all purchases whether for cash or an open account, on notes or otherwise; how to record all sales, whether on open account, notes or otherwise. The student is taught early in the course to write such business papers as notes, drafts, checks, etc., and to properly record same. After the basis is laid, he is then given the first set, which is on the General Merchandising Business. In this set the student is supplied with \$8,000 in College Currency, actually engages in the General Merchandising Business, handles the cash, buys and sells merchandise as the general merchant does, pays rent, salaries, freight, writes out all notes, drafts, checks, etc., for a given time, at which time he is re-

quired to render a statement exhibiting total debits, credits, losses, gains, resources and liabilities. Books to be used in this set are Cash, Journal, Sales, Ledger, Invoice Book, Bills Receivable Register and Bills Payable Register. Of course the student has Check Book, Receipt Book, Note Book, and keeps stubs properly filled out in these books. This is a very practical set, and the larger part was taken from a General Merchandising business by Prof. Dacus.

FURNITURE AND CARPET BUSINESS

This is the second set, and represents a partnership business for an up-to-date furniture and carpet house. In this, as in all the work, throughout the entire course, all notes, drafts, checks, and other business papers are written out by the student.

HARDWARE BUSINESS

This is the third set, and the student starts the business with both resources and liabilities on hand. He is expected to adjust these points and run the business for three representative months, making monthly and final statements to the proprietor.

GROCERY BUSINESS

In this, the fourth set, the student is supplied with \$5,000 in College Currency, with which he engages in business. He uses Cash, Journal, Sales and Ledger Books. As auxiliaries he may have Order Book, Purchasing Journal, Invoice Book, Customer's Check-up Book, Bills Receivable and Bills Payable Register. He buys groceries in large quantities and sells in small quantities; in other words, runs a retail grocery business for a certain length of time, making out, of course, all notes, drafts, checks, etc.; and as a corporation is to be formed, he is now instructed to make a full statement showing all debits, credits, losses, gains, resources and liabilities. This is designed to teach the student how to change from an individual business to a corporation business. The books having been closed, nine other persons are here admitted into the business, putting in \$10,000 each, thus organizing a corporation of \$100,000, for the

purpose of running a Wholesale Grocery Business. The student is employed as bookkeeper, city and traveling salesmen are employed, books are opened by the student, and the business is conducted for a period of time necessary to familiarize the student with this kind of bookkeeping.

BUSINESS OFFICES

There are several well equipped business offices in this College of Business, such as Merchants' Emporium, Commercial Exchange, Interstate Transportation Office, College National Bank with a capital of over \$1,000,000, Post Office, etc. Throughout the course the student has business transaction daily with each of these offices, and each student is required to spend from one to two weeks in each of these offices; hence, when a student has graduated from this College of Business in Bookkeeping and goes to accept a position he is at home; it is like changing from one office to another; he has "learned to do by doing;" he places money on deposit, discounts notes through the bank, draws drafts on customers, pays freight, receives mail through post office; and, in fact, conducts each class or line of business for which he is bookkeeper in a very business-like manner.

COMMERCIAL ARITHMETIC

Students are supposed to have a fair knowledge of the fundamental principles of Arithmetic before they enter, and the work is given largely to the development of that readiness and accuracy in Arithmetic calculations which can be attained only by systematic, persistent drill. To this end he receives daily drills in rapid calculations, mental and written. Simple addition at first, and then, as facility is acquired, the work is made gradually more difficult until the student is able to handle very intricate problems with ease, and obtains accurate results. Absolute accuracy is insisted upon first—rapidity next.

In addition to the daily drills in rapid calculations, or rather in connection with them, he takes up the various subjects of Arithmetic of interest to the business man, as Percentage, Practical Measurements, Trade Discount, True and Bank Discount,

Commission and Brokerage, Profit and Loss, Interest, Taxes, Storage, Customs and Duties, Partial Payments, Equation of Accounts, Partnership, Settlements, etc., and learns them thoroughly and practically.

COMMERCIAL LAW

The course in Commercial Law covers the subjects of Contracts, Remedies, Defenses, Damages, Negotiable Paper, Interest and Usury, Sale of Personal Property, Chattel Mortgages, Bailments, Guaranty, Shipping, Common Carriers, Agency, Partnership, Joint-stock Companies, Corporations, Leases, Deeds, Mortgages, Highways, and also a short treatise on the various courts, State and National, and pleading and practice.

Special attention is given to the various legal forms in common use, and the student must be able to write any ordinary form off-hand before completing this subject. In addition to the class-work on this subject the student gets a great deal of practical experience in writing up the various forms required in his bookkeeping work.

BUSINESS PENMANSHIP

It is a demonstrated fact that rapid, practical plain writing cannot be successfully taught from copybooks. For this reason, we teach the subject from the board, putting great stress on position at desk, movement, form and speed, and as helps, we use pen written copies. Criticisms are freely given and much earnest work is done that we may be able to turn out students who can write a bold, rapid, legible hand. All students cannot become professional, but any earnest student can at least acquire an epistolary style.

BUSINESS CORRESPONDENCE

Before entering upon this subject the student should have a good knowledge of English Grammar. Throughout the entire course he has much need of correspondence; he is, however, taught the various parts of letters, arrangement, folding, inserting, addressing envelopes, and how to enclose commercial papers.

The student gets much practice in actually writing letters ordering goods, making remittances, and conducting in a general way all correspondence necessary to carry on the various lines of business for which he is bookkeeper while taking his course. His correspondence becomes a part of his work, and he is graded on it the same as on bookkeeping or other subjects.

TYPEWRITING

We teach both touch and sight typewriting, using the all-finger or scientific method in either case. If the student owns his typewriter or even knows what machine he will use, we require touch typewriting, but if he is uncertain what make of machine he will use after completing his course, then in that case we recommend sight typewriting for a student learning by touch cannot operate all machines with the same ease and advantage as does the student learning by sight, yet the touch method is much better for the student using just one make of machine. A systematic course of lessons is given, including many business letters, common business expressions, tabulating work, etc. Full explanations of the use and care of the typewriter are given and regular practice periods assigned each student. All work done by each student is filed daily, and at the end of terms bound into book form.

BUSINESS SPELLING

As the heading implies, we teach only business spelling in this department, and this is given to the department as a whole. Regular lessons are assigned with a certain number of words to be looked up daily in dictionary; these lessons are pronounced the following day while each pupil with pencil and tablet is writing the word, exchanges of papers are then made, papers graded, and grades called for. These grades are kept and from them daily reports are obtained. Spelling is the one thing on which almost every one gets "rusty," unless kept "rubbed up" by daily references to spellers and dictionaries.

REQUIREMENTS FOR GRADUATION IN THE BUSINESS COURSE

The work in Bookkeeping is entirely individual, and when the student has done the work outlined, has made passing grade on final examination, and is able to write forty words per minute on typewriter for five consecutive minutes his course is completed, providing, of course, he has a passing grade on all the other studies in the course. The average grade required on all studies is 75 per cent.

AMANUENSIS COURSE

Shorthand, Typewriting, Business Correspondence, Commercial Law, Legal Forms, Spelling, Civil Government, Penmanship, Office Customs and English Grammar.

SHORTHAND

Shorthand is given in sheets, that is, one lesson at a time. We cover the principles in ten lessons. *The First Lesson* is on the consonant alphabet, with necessary practice; *The Second Lesson* is on the vowels, with practice thereon; *The Third Lesson* is on the diphthongs and word-signs; *The Fourth Lesson* contains comments on the consonants, brief w's and y's; *The Fifth Lesson* explains the circles, loops and translating; *The Sixth Lesson* is an explanation of the halving principle; *The Seventh Lesson* is an explanation of the doubling principle; *The Eighth Lesson* explains the initial hooks; *The Ninth Lesson* explains the final hooks; *The Tenth Lesson* contains a full list of prefixes and affixes. After the principles have been mastered a large amount of practice is given in business letters, legal documents, court testimony, clippings from newspaper, etc., for speed practice.

The students do a great deal of the private correspondence of the Principal of the College of Business, as well as for many of the other teachers and students of the University, and are required to go through much office work in the way of making carbon copies, press copies, filing various classes of papers, writing out deeds, leases, mortgages, articles of agreements, etc., hence, when the student graduates in the Amanuensis Course

he is a practical stenographer.

Persons who have started shorthand but have not had the opportunity to finish same would do well to enter the College of Business as they can get almost any standard system. We teach only one system to beginners, but try to accommodate those who have taken a part of some other system.

TYPEWRITING

Typewriting is taught the same as with bookkeeping, at the beginning, but there is just about double the amount with shorthand. *Much* of the *typewriting* done is the translating of *shorthand*, notes taken in class, at lectures, church, etc. The regular work is graded. Dictation is also given for speed work on the typewriter, and many legal forms are copied from printed forms and from shorthand notes.

BUSINESS CORRESPONDENCE

The student of stenography begins on correspondence just as soon as he is over the principles and starts to write simple letters. He is taught the various parts of letters, scaling on typewriting, and has practical correspondence each day until his graduation.

Commercial Law, Legal Forms, Spelling, Civil Government, Penmanship, Office Customs and English Grammar, same as required for Business Course.

REQUIREMENT FOR GRADUATION IN AMANUENSIS COURSE

All subjects under Amanuensis Course must be completed in a satisfactory manner, and the student must be able to write from new matter 100 words per minute for five consecutive minutes, read same back in five minutes, then translate same on typewriter at the rate of 25 words per minute.

EQUIPMENT

FOR THE BUSINESS COURSE

Each student in this course has a desk with cash drawer, book racks, pigeon holes, paper files, pen racks and waste basket—

in short, all the necessary equipment of a business office.

In addition to this, we have a full line of offices that represent the parties with whom the student deals. Each of these offices is equipped with a complete set of books of the loose leaf variety. The bank has just such a set of books as will be found in the National banks of today. In fact, the student who goes out of our College National Bank to work in a regular bank will feel little change in his surroundings, except in the matter of salary.

FOR THE AMANUENSIS COURSE

Each student in this course has a combination desk with a typewriter, copy holder, book racks, pigeon holes, waste basket, etc., precisely as he would have in a well regulated business office in actual business.

How Long?

This question is often asked. We can only reply that the time required to complete either of the courses depends more upon the advancement and natural aptness of the individual student at the time of entering, and the subsequent industry and faithfulness in performing the work, than upon anything else. The average time for the full course is about a full session of ten months. We have had some who had a good English education to start with to complete it in five months.

POSITIONS

Our graduates are uniformly successful in securing and holding good positions. We use our best efforts in assisting our graduates to lucrative and responsible positions.

THE ACADEMY

FACULTY

WILLIAM B. PARKS, A. M.,

Acting President Texas Christian University; Science.

CHARLES H. ROBERTS, A. B., B. S.,

Principal of Academy; History, Civics and Latin.

H. W. LEVER, B. S.,

Science and English.

CHARLES I. ALEXANDER, A. B., B. S.,

Mathematics.

W. T. HAMNER, A. B.,

English.

JAMES B. ESKRIDGE, A. M., Ph. D.,

Latin.

MRS. JOHN KINSEY,

English and Algebra.

BURTON W. WOODFORD, A. B.,

Modern Languages.

THE SCOPE OF THE ACADEMY WORK

In many sections of Texas and adjoining States it is not practicable for young people to have the privilege of a High School course; in others the High School work, as carried on, is not satisfactory to parents. To meet the needs of persons in such circumstances the Academy has been organized. It receives pupils who have finished the regular seventh grade and offers them a course of instruction equal to that of the best High Schools.

DIPLOMA

On the completion of the Academy course the student receives a diploma that entitles him to enter the College of Arts and Sciences. The diploma stands for the same attainments in scholarship as does that of the best High Schools of Texas.

REQUIRED AND ELECTIVE COURSES

In the Academy all courses in English, American and General History, Mathematics and Sciences are required of each student. In addition he is required to take three years of Foreign Language, two of which must be some Ancient Language and to make a total of fourteen units, which must be completed before graduation.

COURSES OF INSTRUCTION

LATIN

Latin.—No matter what the profession or occupation contemplated, the practical advantage of a knowledge of Latin, not to speak of its disciplinary value, will be felt every day. For this reason, although not required, it is offered as an elective from the beginning of the College Course. The three years of work open to Preparatory students may be briefly outlined as follows:

Latin A.—Hale's First Latin Book; daily exercises at the blackboard, together with the study of forms and quantity. Course to continue throughout the year.

Latin B.—Rolfe and Dennison's Junior Latin Book, including two books of Cæsar's Gallic Wars; prose composition and grammar, Hale-Buck.

Latin C.—Grammar and Composition; Eutropius Nepos and Sallust's Catiline.

GREEK

Greek.—In addition to its importance as a mental discipline, and as a gateway to one of the world's greatest literatures, a course in Greek has distinct values in connection with professional life, especially in connection with the Christian Ministry. The New Testament comes to us in Greek and he who would understand it must first become proficient in the language of its original.

Two years of work in this department are offered to students of the Academy; this work serving as an introduction to both Classical and New Testament Greek. For particulars, see announcement of courses for the Department of Greek in the College of Arts and Sciences.

MODERN LANGUAGES

GERMAN

German A.—Essentials of German Grammar, composition and reading of easy prose.

German B.—Grammar, German Syntax and more difficult composition. Reading of some three hundred pages of prose and poetry from modern writers.

FRENCH

Elementary Course.—Thorough drill on the elements of French Grammar; pronunciation, dictation, translation of easy English into French, reading of selected short stories.

SPANISH

Elementary Course.—Spanish Grammar, pronunciation, sim-

ple dictation, translation of easy English into Spanish, reading of easy Spanish texts.

ENGLISH

No part of this course is of more importance to the general student than that which aims to give him understanding and control of his native speech. For this reason a liberal share of the time of the Academy pupil must be given to mastering his mother tongue. Three full years of daily recitation in English language and literature are required before graduation from the Academy. In the arrangement of this work for the sake of additional effectiveness, advantage has been taken of such opportunities for variety as the subject affords.

English A.—Fall and Winter Terms: Grammar and Composition. Object of course a thorough mastery of the sentence, its construction and its use. Study of various specimens of good literary expression. Numerous written exercises involving all matters of Punctuation, Capitalization and formal Social and Business Correspondence. Texts, Grammar, Baskerville and Sewell; Essentials of English Composition, Tarbell.

Spring Term: Literary Classics. Careful study of Longfellow's *Evangeline*, and Miles Standish, and Scott's *Lady of the Lake*.

English B.—Fall and Winter Terms: Elementary Rhetoric. Exercises designed to complete the student's mastery of the more complex sentence-forms. Studies in paragraph-structure. Much practice work with a view of developing "sentence-sense" and an appreciation of the laws of the Principle of Unity and Coherence. Addison's *De Coverly Papers* are studied as examples of prose-style.

Spring Term: American Literature. Outlines of American Literary History considered. Study of such works as Franklin's *Autobiography*, Irving's *Sketch Book*, Cooper's *Last of the Mohicans*, Hawthorne's *Twice-Told Tales*, Bryant's *Thanatopsis*, Whittier's *Snowbound*, Longfellow's *Hiawatha*, Poe's *Raven*, Lowell's *Vision of Sir Launfal*, Emerson's *Humble-Bee*, and *Each and All*, Holmes' *Old Ironsides*, *Chambered Nautilus* and *One-Hoss Shay*.

English C.—Fall Term: English Literature. The history of English Literature in brief. The College entrance requirements in English or their equivalent.

Winter Term: Rhetoric, a continuation of the work of the course of Elementary Rhetoric.

Spring Term: English Analysis, practical exercises in Analysis of complex prose and verse.

HISTORY

The student who enters the Academy is supposed to have completed courses in the History of Texas and the History of the United States. The work in History as offered by the Academy, therefore, is limited to three years of required work and one year of elective work as follows:

(a) Ancient History (Myer's Revised), taught the full year, with note books, and library references.

(b) Medieval and Modern History (Myer's Revised), taught the full year with note books and supplementary work.

(c) Civics, Fall Term: American History, Winter and Spring Terms.

(d) History of England, full year five hours, may be substituted for Mediaeval and Modern History.

MATHEMATICS

The worth of a course of Mathematics at all stages of a student's development calls for a curriculum in which the subject shall have place during each successive year. Such an arrangement obtains in the outline of Mathematics courses for the Academy as here presented.

Mathematics A.—Fall Term: Arithmetic, beginning at Percentage and completing the subject.

Winter and Spring Terms: Algebra, the more elementary processes as treated in a simple text.

Mathematics B.—Algebra through the year. A more advanced course than that offered in Mathematics A.

Mathematics C.—Plane Geometry through the year.

NATURAL SCIENCE

The courses in Natural Science in the Academy cover the same ground as do those of the best High Schools. All classes have the advantage of charts, drawings, collections of specimens and excellent laboratory facilities.

(a) To students of the first Academic year there is offered in the Fall Term a course in Physiology; this is followed in the Winter and Spring Terms by a course in Physiography.

(b) To students of the third Academic year there is offered a year of work in Elements of Physics, a constant factor being laboratory experiments such as is offered by the best High Schools.

UNITS

One hour of recitation daily in any given branch throughout the session of three terms constitutes one "unit." Fourteen units are required for graduation in the Academy.

SOCIETY WORK REQUIRED

All students who take two or more subjects in the Academy shall be classed as Academy students; provided, such students as are conditional Freshmen, who have completed at least twelve units of Academy work, may be classed as Freshmen.

It is recommended that the University societies admit no more members except University students, and special students who have the same standing required of University students.

Specials not having the requirements of University students may become members of the Academy Literary Society.

All Academy students must be active members of the Academy Literary Society, unless excused by the Principal.

SUB-PREPARATORY YEAR

So many students apply for admission to the school, who are not prepared to enter the first year of the Academy, that seventh grade classes will be organized in Arithmetic, Grammar and Orthography.

Outline of Academy Work by Years.

FIRST YEAR or "A" Class

DEPARTMENT	FALL	WINTER	SPRING
Classical Language....	Latin.....	Latin.....	Latin.....
English.....	Grammar and Composition..	Grammar and Composition..	Literary Classics.....
History.....	Ancient History.....	Ancient History.....	Ancient History.....
Mathematics.....	Algebra.....	Algebra.....	Algebra.....
Natural Science.....	Physiology.....	Physiology.....	Physiology.....

SECOND YEAR or "B" CLASS

DEPARTMENT	FALL	WINTER	SPRING
Classical Language....	Latin or Greek.....	Latin or Greek.....	Latin or Greek.....
English.....	Rhetoric and Composition..	Rhetoric and Composition..	Literary Classics.....
History.....	Med. and Mod. History.....	Med. and Mod. History.....	Med. and Mod. History.....
Mathematics.....	Algebra.....	Algebra.....	Algebra.....

THIRD YEAR or "C" CLASS.

DEPARTMENT	FALL	WINTER	SPRING
Language.....	Latin, Greek or Mod. Lang....	Latin, Greek or Mod. Lang....	Latin, Greek or Mod. Lang....
English.....	English Literature.....	English Literature.....	English Literature.....
History.....	Civics.....	American History.....	American History.....
Mathematics.....	Plane Geometry.....	Plane Geometry.....	Plane Geometry.....
Natural Science.....	Elementary Physics.....	Elementary Physics.....	Elementary Physics.....

EXPENSES

	Fall Term.	Winter Term.	Spring Term.	Single Month.
Tuition, Literary department*.....	\$24.00	\$18.00	\$18.00	\$7.00
Music,** Piano, Director.....	50.00	37.50	37.50	13.00
Music, Piano, Mr. Techau.....	36.00	27.00	27.00	10.00
Music, Harmony, private lessons....	28.00	21.00	21.00	8.00
Music, Harmony, in class.....	16.00	12.00	12.00	5.00
Music, Voice, Mr. Cuprien.....	40.00	30.00	30.00	11.00
Music, Violin, Miss Ault.....	40.00	30.00	30.00	11.00
Music, Pipe Organ.....	50.00	37.50	37.50	13.00
Music, Sight Singing.....	8.00	6.00	6.00	3.00
Oratory, private lessons.....	28.00	21.00	21.00	8.00
Art, Painting and Drawing.....	28.00	21.00	21.00	8.00
Art, China Painting.....	32.00	24.00	24.00	9.00
Complete course in Accounting, Banking, Commercial Law and Typewriting	25.00	20.00	20.00	8.00
Complete Stenographic Course, Type- writing and Commercial Law....	25.00	20.00	20.00	8.00
Both the above courses combined...	30.00	25.00	25.00	9.00
Typewriting alone	4.00	3.00	3.00	1.25
Banking alone, complete course....	10.00	.....	.....	.....
Typewriter rent	5.00	3.75	3.75	1.50
Adding machine rent.....	2.50	.....	.....	.....
One hour daily in above courses....	8.00	6.00	6.00	2.50
Laboratory Fees, Chemistry.....	5.00	5.00	5.00	....
Laboratory Fees, Biology.....	4.00	4.00	4.00	....
Laboratory Fees, Physics.....	3.00	3.00	3.00	....
	Fall Term.	Winter Term.	Spring Term.	Single Month.
Laboratory Fees, Geology.....	2.00	2.00	2.00	...
Board	56.00	42.00	42.00	15.00
Room, per pupil.....	24.00	18.00	18.00	6.50

Piano practice: \$1.25 per month for each hour per day.
 Unlimited time \$5.00 per month. Normal tuition, piano or violin,
 young pupils for the year \$20.00.

Matriculation fee, including use of Library, Gymnasium,

and Physical Culture, for the year \$12.50.

The monthly rate is charged for a month of four weeks and is not accepted for the term rate for a shorter time than the full attendance of the pupil.

*Ministerial students and children of ministers solely dependent upon the ministry for support, per month \$2.50.

**Half time students will be charged 60 per cent of full rates.

DISCOUNTS

Students in special departments may take studies in the Literary Department at \$5.00 each for the Fall term and \$4.00 for the Winter or Spring term, or \$1.50 per month. Students taking full work in two special departments or double work in one special department or two students from one family will receive 10 per cent discount on tuition. For full work in three or more special departments 20 per cent. discount in tuition will be allowed. A maximum fee for piano rent for unlimited time \$5.00 per month.

SPECIAL NOTICE

All expenses are payable in advance by the term or month at the option of the student. It is preferred that expenses be paid by the term, and the rates are made lower as an inducement. The entire session of three terms is estimated at ten scholastic months.

Students having paid board for the term in advance who leave before the end of the term because of sickness will be charged board at the monthly rate for the time up to and including the week of withdrawal, and the balance paid will be refunded. Tuition and entrance fees are not refunded. No student is received for less than one term without previous agreement.

All privileges of the school are open to students during the Christmas holidays except class room work.

A WORD WITH PARENTS CONCERNING EXPENSES

Sometimes parents complain that it costs too much to send their children away to school, but generally this complaint grows

out of the unnecessarily extravagant habits of students, which are permitted by parents. Students write home for money and parents respond when often it would be far better to refuse the request. Inexperienced boys and girls are very poor judges of the amount of money they need for spending, and some fritter away considerable sums in worse than needless ways. Money should be deposited with the school, and it will be paid out as ordered by the parent. Parents should not permit students to run accounts in the city and complain of the bills from the University.

PAYMENTS---SPECIAL NOTICE

The Trustees have ordered that the accounts of a student for tuition, fees, board, room and supplies for each term must be paid at the time of enrollment, or otherwise, he cannot hold a place in any class or department of instruction. It is ordered that all business of the University be placed upon a strictly cash basis. Patrons who are unable to procure commercial endorsement from their friends must pay cash.

AFFILIATED HIGH SCHOOLS

All those high schools in the State of Texas that are affiliated with the State University, partially or fully, are to the same extent considered in affiliation with Texas Christian University. Hereford College and Midland College are correlated with this University by organization and arrangement of courses of study. Any affiliated high school is entitled to a free scholarship for the graduate of highest grade each year, good for literary studies during the following season of the University.

DEPARTMENT OF PHYSICAL EDUCATION

HENRY W. LEVER

The Department of Physical Education, when fully established will be new and fitted to the conditions of the University. The courses will be graded, systematic and progressive. All work will tend to remedy common physical defects and to foster a condition of vigorous health. All students should devote two hours each week to directed physical exercise. Games which develop judgment, courage, strength of will and self reliance will form an important part of class work.

ATHLETICS

The policy of the department in this branch is to foster the spirit of honor and gentlemanliness in athletics and to suppress all evil tendencies. Teams in football, basketball and baseball will contest regularly with the teams of other institutions. Each team being allowed to take a limited number of trips away from home for games. Class teams will be organized in the various school sports to play out a fixed schedule for class honors. Track work will be taken up in the winter term, a cross country team organized and regular conditioning work done in preparation for spring contests with the other State Colleges.

A careful physical examination will be given all athletic team candidates and only those well qualified will be permitted to compete for places on the 'varsity teams. Others will take part in the less exacting school sports and will compete for and on the various class teams.

STATEMENT OF THE RELATION OF AFFILIATED HIGH SCHOOLS AND ACADEMIES.

It is recognized that the definite affiliation of secondary schools with the colleges brings valuable advantage all around; to the pupils in the readiness of passing from one school to the other, to the High School in securing a standardized course, to the College in receiving prepared matriculates, and to the general spirit of education in directing an increasing number to a higher grade of training. Hence it is the desire of the management of Texas Christian University, not only to arrange definite Affiliation with High Schools and Academies, but it is their hope also to be able to co-operate with all the institutions, standardizing the courses and elevating the ideals of the general public in educational matters.

The movement for the adoption of a general standard of College entrance requirements is one of progress. In accord with it, the Faculty of T. C. U. has announced that hereafter the entrance requirements will be expressed in terms of "units" instead of "credits" as heretofore; and that 14 units will be required for entrance into the Add-Ran College of Arts and Sciences. It is the fixed purpose to maintain the requirements and that a standard College course and degree be given.

1. Schools will be affiliated by subjects. Affiliation in any subject means that the school prepares its graduates to enter the Freshman year in that subject. The scope of work covered in such case may be seen by reading the outline of the courses for the Academy in this Bulletin.

2. Schools to be in *full affiliation* must prepare the students in a sufficient number of subjects to aggregate 14 units. They will then be admitted to the Freshman Class without condition. If optional courses are offered by such a school, a certificate should be furnished each student showing what courses have been actually completed.

3. *Partial affiliation* is granted to schools that are accepted in the subjects: English, 3; Mathematics, 3; History, 2, or more. Pupils from such schools will make up their remaining credits in the classes of the Academy, which can be done very conveniently.

4. While schools below this standard may not be recognized as affiliated at all, they may arrange to enter their students in the classes of the Academy at the proper point, by sending certificates showing the standing of the pupil.

5. *To Obtain Affiliation*—If affiliated with the University of Texas, a school is accepted without further evidence, and will be put on our list, after writing a letter stating the desire, or filling out our blank.

Other schools will be furnished application blanks, on request, and when the courses described by these are approved, specimen papers may be called for, and a visit made to the school.

No school of this class is expected to be accepted without a visit from our representative.

6. Below is a table of the values attached to the various subjects when prepared up to the point indicated by the course outlined for our Academy, which conforms to that which is standard among colleges.

For Freshman standing a pupil must present 4 units, of which the following are prescribed: English, 3; Mathematics, 3; History, 2; Physics, 1; Foreign Language, 3, (of which 2 must be an ancient language).

English	3
Mathematics	3 or more
History	2 or 3
Latin	3
German	2
French	2
Spanish	2
Greek	2
Physics	1
Chemistry	1
Physiography	1/2
Physiology	1/2
Civics	1/2
Botany	1
Zoology	1

Where courses are carried beyond the specified advancement extra credit will be given.

LIST OF AFFILIATED SCHOOLS

The following schools, in addition to schools affiliated with the State University, are affiliated in full or in part, and their first honor graduates will each receive a free Literary Scholarship in Texas Christian University:

Abilene High School.	Gainesville High School.
Alice High School.	Gatesville High School.
Alvarado High School.	Garland High School.
Ballinger High School.	Greenville High School.
Beaumont High School.	Groesbeck High School.
Belton High School.	Haskell High School.
Bonham High School.	Hillsboro High School.
Big Springs High School.	Henderson High School.
Bowie High School.	Hico High School.
Brady High School.	Houston High School.
Brenham High School.	Houston Heights High School.
Brownwood High School.	Hubbard High School.
Bryan High School.	Italy High School.
Burnett High School.	Ladonia High School.
Caldwell High School.	Lampasas High School.
Calvert High School.	Laneville High School.
Cameron High School.	Llano High School.
Carlisle Military Academy.	Lockhart High School.
Center High School.	Marble Falls High School.
Colorado High School.	North Fort Worth High School.
Comanche High School.	
Conroe High School.	Marshall High School.
Corpus Christi High School.	Mart High School.
Corsicana High School.	McKinney High School.
Crockett High School.	Mineola High School.
Denton High School.	Mineral Wells High School.
Dublin High School.	Navasota High School.
Dallas High School.	Orange High School.
Ennis High School.	Palestine High School.
Elgin High School.	Paris High School.
Fort Worth High School.	Pilot Point High School.
John C. French High School.	Plano High School.

Port Arthur High School.	Stratford High School.
Quannah High School.	Taylor High School.
R. E. Lee High School.	Temple High School.
Rock Springs High School.	Terrell High School.
Roswell, N. M., High School.	Troupe High School.
Royse High School.	Tyler High School.
San Angelo High School.	Uvalde High School.
San Saba High School.	Van Alstyne High School.
San Marcos High School.	Vernon High School.
Seymour High School.	Victoria High School.
Smithville High School.	Waco High School.
Sulphur Springs High School.	Waxahachie High School.
Sherman High School.	Weatherford High School.
Wichita Falls High School.	

MEDICAL DEPARTMENT

Below is given the copy of the resolutions adopted by a Committee from the Board of Trustees of Texas Christian University and one from the Faculty of the Medical Department of Fort Worth University:

"Whereas: The Board of Trustees of Texas Christian University of Fort Worth, Texas, and the Faculty of the Medical Department of Fort Worth University of Fort Worth, Texas, believe that the best interests of each of the above named educational institutions will be served by their affiliation; and,

"Whereas: Said Faculty and Board of Trustees further believe that the nature of such affiliation should be to mutually assist in the development and upbuilding of the respective Medical and Academic Departments without either department in any way assuming the financial obligations of the other or interfering in its management or control; and,

"Whereas: Said Board and Faculty have each appointed a Committee with power to act jointly in perfecting the affiliation aforementioned; therefore,

"Be it resolved, by such joint committee, that as soon as the necessary charter amendments can be effected the name Medical Department Fort Worth University, be changed to Fort Worth School of Medicine—Medical Department Texas Christian University; and,

"Be it further resolved, that, from and after this date, the Departments be affiliated in the manner and to the extent hereinbefore set forth and that a copy of these resolutions be entered upon the minutes of the proceedings of the Board of Trustees of Texas Christian University and of the Faculty of the Medical Department."

The Medical College Building is located at East Fifth and Calhoun Streets, within short distance of the street car lines.

The Medical Department was organized in 1893 as a department of the Fort Worth University. It is now a component department of Texas Christian University and as such expects to continue its high standard of educational work and to keep pace with the institution with which it has lately affiliated. The Medical Department, in addition to the School of Medicine also maintains a school of Pharmacy and of Nursing. Those desiring information concerning entrance requirements, tuition, etc., should address the Deans of the respective schools, or the Registrar.

SCHOOL OF MEDICINE

FACULTY

EMERITUS PROFESSORS

ELIAS J. BEALL, M. D., Fort Worth, Texas,

Emeritus Professor of Principles and Practice of Surgery and Clinical Surgery.

JULIAN T. FEILD, M. D., Fort Worth, Texas,

Emeritus Professor of Obstetrics and Clinical Gynecology.

FRANK D. THOMPSON, M. D., 703 Lamar Street,

Emeritus Professor of Gynecology.

PROFESSORS

JAMES ANDERSON, M. D., 415 Henderson Street,

Professor of Principles and Practice of Medicine and Clinical Medicine.

BACON SAUNDERS, M. D., LL. D., 426 Henderson Street,

Professor of Surgery and Clinical Surgery, and President of the Faculty.

FACULTY--Continued

FRANK C. BEALL, M. D., 1314 North Street,
Professor of Anatomy.

FRANK GRAY, M. D., 506 Taylor Street,
Professor of Diseases of the Eye, Ear, Nose and Throat.

EDGAR DOAK CAPPS, M. D., 614 Taylor Street,
Professor of Diseases of the Brain and Nervous System.

ERNEST L. STEPHENS, M. D., 1008 W. Weatherford St.,
*Professor of Materia Medica and Therapeutics, and Lecturer on
Clinical Therapeutics.*

WILLIAM R. HOWARD, A. B., M. D., 921 Cannon Ave.,
*Professor of Histology, Pathology and Bacteriology, and
Secretary of the Faculty.*

WILLIAM A. DURINGER, M. D., 1402 Summit Ave.,
Professor of Genito-Urinary and Rectal Diseases.

WILLIAM BEVERLY WEST, M. D., 1315 Pennsylvania Ave.,
Professor of Dermatology and Syphilology.

ROBERT B. GRAMMER, M. D., 200 Taylor Street,
Professor of Pediatrics.

GOODRIDGE V. MORTON, A. B., M. D., 500 W. Second St.,
Professor of Obstetrics.

WM. ROUNDS, 1728 Washington Avenue,
Professor of Physiology.

W. ERNEST CHILTON, 901 Penn Street,
Professor of Gynecology.

R. H. NEEDHAM, Ph. C., Fort Worth, Texas,
Professor of Chemistry, Lecturer on Pharmacy.

ASSOCIATE PROFESSORS

WILLIAM R. THOMPSON, M. D., 505 Henderson Street,
*Associate Professor Diseases of the Eye, Ear, Nose and Throat,
and Dean of the Faculty.*

FACULTY--Continued

JOHN D. COVERT, M. D., 1508 Hemphill Street,
*Associate Professor of Histology, Pathology and Bacteriology,
and Demonstrator of Histology, Pathology and Bacteriology.*

K. HEBERDEEN BEALL, M. S., M. D., 1314 North Street,
*Associate Professor of Principles and Practice of Medicine and
Clinical Medicine.*

WILLIAM C. DURINGER, M. D., 1402 Summit Avenue,
*Associate Professor of Dermatology and Syphilology. Assistant
to the Chair of Genito-Urinary and Rectal Diseases.*

LECTURERS, DEMONSTRATORS AND ASSISTANTS

WILLIS G. COOK, B. S., M. D., 650 Fifth Avenue,
*Lecturer on Physical and Clinical Diagnosis and Vice President
of the Faculty.*

RUFUS CHAMBERS, cor. Summit and Rio Grande Avenues,
Lecturer on Fractures and Dislocations and Clinical Surgery.

CLAUDE O. HARPER, M. D., 1201 Rio Grande Avenue,
Lecturer on Minor Surgery and Bandaging and Clinical Surgery.

JAMES M. GIVENS, M. D., 1300½ Main Street,
Clinical Assistant to the Chair of Surgery.

ALDEN COFFEY, M. D., 2741 Hemphill Street,
Demonstrator of Anatomy.

FRANK D. BOYD, M. D., 1016 Cannon Avenue,
Lecturer on Anatomy of the Special Senses.

LEONIDAS A. SUGGS, M. D., 420 Broadway,
Lecturer on Hygiene and Clinical Orthopedic Surgery.

RUFUS B. WEST, M. D., 431 Wheeler Street,
*Lecturer on Medical Jurisprudence and Life Insurance
Examinations.*

FACULTY--Continued

ROY F. SAUNDERS, M. D., 1415 Cooper Street,
*Quiz Master in Surgery, Demonstrator of Operative Surgery and
Assistant to the Chair of Surgery.*

WILLIAM C. DURINGER, M. D., 1402 Summit Avenue,
*Assistant to the Chair of Genito-Urinary and Rectal Diseases,
and Assistant Professor of Dermatology and Syphilology.*

JESSE S. BARDIN, M. D., Fort Worth, Texas,
Clinical Lecturer on Pediatrics.

GEO. D. BOND, M. D., cor. Peter Smith and Hill Streets,
Lecturer on Electro-Therapeutics.

HENRY B. TRIGG, M. D., 1410 West Daggett Avenue,
Lecturer on Histology.

MARVIN E. TADLOCK, M. D., 1400½ North Main Street,
Lecturer on Embryology.

ROY DUNLAP, M. D., 1500 South Adams Street,
Lecturer on Osteology.

ROSS B. TRIGG, M. D., 1410 West Daggett Avenue,
Lecturer on Mental and Nervous Diseases.

OSCAR E. VEATCH, A. B., M. D., Fort Worth, Texas,
Assistant in Physiology.

YOUNG J. MULKEY, M. D., 1600½ Main Street,
Assistant Demonstrator of Anatomy.

J. A. MULLENIX, M. D., 1300½ Main Street,
Assistant in Physiology Laboratory.

A. B. BROWN, M. D., 1600½ Main Street,
Assistant Demonstrator of Anatomy.

VICTOR E. BONELLI, M. D., 615 Lamar Street,
Lecturer on Materia Medica.

FACULTY---Continued

HERMAN KINGSBURY, M. D., 823 Macon Street,
*Lecturer on Bacteriology and Laboratory Assistant to the Chair
of Histology, Pathology and Bacteriology.*

EWING P. HALL, M. D., 1810 South Jennings Avenue,
Assistant to the Chair of Practice.

FRANK G. SANDERS, Ph. G., M. D., Fort Worth, Texas,
Demonstrator of Anatomy.

JNO. W. YANCEY, 810½ Main Street,
Lecturer on Pharmacology.

LOUIS N. MARKHAM, M. D., Fort Worth, Texas,
Assistant Demonstrator of Anatomy.

E. L. MYRICK, M. D., 1705 South Jennings Avenue,
Assistant Demonstrator of Anatomy.

W. MARSHALL TRIMBLE, M. D., 506 West Central Avenue,
Assistant to the Chair of Gynecology.

ISAAC A. WITHERS, M. D., Fort Worth, Texas,
Lecturer on Gynecology.

JOHN B. CUMMINS, M. D., 1126 Hemphill Street,
Assistant to the Chair of Obstetrics.

JAS. R. MITCHELL, A. B., M. D., Fort Worth, Texas,
Assistant in Chemistry and to the Chair of Obstetrics.

JOSEPH A. GRACEY, M. D., 515 South Henderson Street,
Assitant to the Chair of Practice.

O. F. CARLSON, M. D., Riverside, Fort Worth, Texas,
Lecturer on Osteology.

ERIC W. STROMBERG, Ph. G., Fort Worth, Texas,
Assistant in Pharmacy Laboratory.

HENRY B. LITTLEPAGE, Ph. G., Fort Worth, Texas,
Assistant in Chemical Laboratory.

D. J. SAUNDERS,
Registrar.

SCHOOL OF PHARMACY

The School of Pharmacy is conducted as a School of the Medical Department of Texas Christian University. The teaching of Medical and Pharmacy classes is carried on conjointly as far as practicable, which gives to the pharmacy student considerable medical training in addition to the pharmaceutical education. The course of study covers two years, leading to the degree of (Ph. G.) Graduate in Pharmacy. For further information concerning requirements, tuition, cost of books, expenses, etc., address the Dean or Registrar.

FACULTY

R. H. NEEDHAM, Ph. C., 1311 Harrington Avenue,
*Professor of Pharmacy, Botany, Chemistry and Toxicology, and
Dean of the Faculty.*

ERNEST L. STEPHENS, M. D., 1008 W. Weatherford St.,
Professor of Materia Medica, Pharmacology and Therapeutics.

WILLIAM ROUNDS, M. D., 1728 Washington Avenue,
Professor of Physiology.

JOHN D. COVERT, M. D., 1508 Hemphill Street,
Professor of Bacteriology.

VICTOR E. BONELLI, M. D., 655 Lamar Street,
Lecturer on Materia Medica.

JNO. W. YANCEY, M. D., 810½ Main Street,
Lecturer on Pharmacology.

JAS. R. MITCHELL, A. B., M. D., Fort Worth Nat'l Bk. Bldg.,
Assistant in Chemistry.

OSCAR E. VEATCH, A. B., M. D., Fort Worth,
Assistant in Physiology.

FACULTY--Continued

J. A. MULLENIX, M. D., 1300½ Main Street,
Assistant in Physiology Laboratory.

ERIC W. STROMBERG, Ph. G., Fort Worth,
Assistant in Pharmaceutical Laboratories and Lecturer on In-organic Materia Medica.

HENRY B. LITTLEPAGE, Ph. G., Fort Worth,
Assistant in Chemical Laboratory.
Assistant in Pharmacognosy.

D. J. SAUNDERS,
Registrar.

SCHOOL OF NURSING

Lecture course begins October 2, 1911.

Final examinations May 10, 1912.

Three years' course of training, which includes practical instruction in nursing of medical, surgical, gynecological and obstetrical cases, the nursing of children, and invalid cookery.

Pupils may enter at any time.

For general instructions to applicants for admission to the Training School, address

SUPERINTENDENT OF NURSES,

Medical College Hospital,

J. D. Covert, M. D., Dean.

Fort Worth, Texas.

ALUMNI

NOTE.—A list of this kind requires annual correction, and the Alumni are invited to assist in removing errors.

CLASS OF 1876

J. E. Jarrott, A. B., Prof. Mathematics, Add-Ran College 1877-1879. (Died 1879).

E. Wilwee, A. B., preacher.....Mangum, Okla.

CLASS OF 1877

G. E. Carpenter, A. B., planter.....Plano, Texas

D. F. Goss, A. B., attorney-at-law.....Seymour, Texas

CLASS OF 1879

Lou Carr, A. B., (Mrs. S. J. Bass).....McKinney, Texas

W. H. Gatliff, A. B., physician.....Butte, Cal.

Alfred Irby, S. B., (A. M., *ibid.*, 1892) physician.....

.....Weatherford, Texas

J. H. Smithers, A. B.....Chicago, Ill.

CLASS OF 1880

Geo. C. Cole, A. B., attorney-at-law (died 1903) Dallas, Texas

CLASS OF 1881

C. E. Dunn, A. B., farmer.....Wylie, Texas

J. N. Gambrel, A. B., farmer and stock raiser.....

.....Prairie Lee, Texas

L. B. Miller, A. B., journalist, 3749 Laclede Ave., St. Louis, Mo.

A. P. Thomas, A. B., real estate.....Fort Worth, Texas

CLASS OF 1882

L. W. McAdams, A. B., teacher.....Oregon City, Oregon

W. M. Campbell, A. B., physician.....Weatherford, Texas

T. J. McBride, A. B., fruit grower.....Swan, Texas

F. O. McKinsey, A. B., attorney-at-law....Weatherford, Texas

Josie Scott, A. B., (Mrs. F. O. McKinsey) Weatherford, Texas

CLASS OF 1883

K. A. Berry, A. B., (died 1907).....Quanah, Texas

M. M. Griffith, A. B., merchant.....Ardmore, Okla.

Minnie Clark, A. B., (Mrs. J. B. Rogers) teacher.....

.....Junction City, Texas

Belle Oglesby, A. B., (Mrs. Wythe).....Weatherford, Texas
 T. A. Wythe, A. B., real estate dealer.....Weatherford, Texas

CLASS OF 1884

R. H. Bonham, A. B., (A. M., *ibid.*, 1892) teacher.....
Leesville, Louisiana
 C. H. Miller, A. B.....
 C. C. Perrin, A. B., planter.....Celeste, Texas

CLASS OF 1885

J. B. Sweeney, A. B., (A. M., *ibid.*, 1891, LL. D., *ibid.*, 1905,
 professor T. C. U. 1895-1900), preacher (died 1901)...
Gainesville, Texas

CLASS OF 1886

Effie Wilwee, A. B., (Mrs. J. R. Boyd), teacher of music in
 Add-Ran University, (died 1898).
 G. L. Bush, A. B., (A. M., *ibid.*, 1891), preacher, Carrollton, Mo.
 Mattie Gill, A. B., teacher.....Lisbon, Texas
 H. E. Hildebrand, A. B., manager transfer company,.....
San Antonio, Texas
 T. A. Miller, A. B., M. D., physician.....Corsicana, Texas
 Birdie Nichols, A. B., (Mrs. Caruth).....Yoakum, Texas
 W. B. Parks, A. B., (A. M., *ibid.*, 1892), Ph. D., professor
 Science Department T. C. U.....Waco, Texas

CLASS OF 1887

Olive Jones, A. B., (Mrs. Millikin), teacher of music.....
Atlanta, Georgia
 R. L. Ragsdale, A. B., member Texas Legislature, 1894 to
 1900, attorney-at-law (died 1902).....Denton, Texas

CLASS OF 1888

B. Andrews, A. B., merchant.....San Antonio, Texas
 Sallie Andrews, A. B.....McKinney, Texas
 P. F. Brown, A. B., principal public schools.....Lubbock, Texas
 A. I. Hudson, A. B., attorney-at-law.....Dallas, Texas

CLASS OF 1889

Ophelia McMorris, A. B., (A. M., *ibid.*, 1892), teacher.....
San Marcos, Texas
 Laura Nichols, A. B., (Mrs. R. L. Ragsdale), teacher.....
Yoakum, Texas

CLASS OF 1890

A. Clark, Jr., A. B., (A. M., *ibid.*, 1895), professor T. C. U.

1896-1898, journalist (died 1903).....Amarillo, Texas
 Jessie Clark, A. B., (Mrs. Russell).....Comanche, Texas
 Claudia Miller, S. B., (Mrs. A. C. Easley).....Waco, Texas
 Lucretia Bushwab, S. B., (Mrs. Alfred Irby).....
Weatherford, Texas
 A. C. Easley, A. B., (A. M., 1893), teller Citizens National
 BankWaco, Texas
 F. G. Jones, A. B., teacher.....McKinney, Texas
 C. M. Votaw, A. B., attorney-at-law.....Houston, Texas

CLASS OF 1891

C. Elizabeth Clark, S. B., (Mrs. Boyd), clerk county and
 district courtsLubbock, Texas
 J. B. Cook, A. B., cashier First National Bank (died 1899)
 West, Texas
 William L. Moore, A. B., principal Academy of Languages
 Mexico
 Nellie Lamon, A. B., (Mrs. R. J. Knox,) (died 1892).....
 Burnet, Texas

CLASS OF 1892

Ginerva Wood, S. B., (Mrs. Carson), teacher, Sherwood, Texas
 J. R. Clanton, A. B., druggist.....Hazen, Arkansas
 A. C. Elliott, S. B., editor.....Hereford, Texas
 W. J. Hildebrand, A. B., physician.....Gonzales, Texas
 R. F. Holloway, S. R., teacher John Tarleton College,.....
 Stephenville, Texas
 Randolph Paine, A. B., attorney-at-law, 205 Main street,...
 Dallas, Texas
 E. C. Snow, A. M., real estate.....Donna, Texas

CLASS OF 1893

I. E. Adams, A. B., (A. M., ibid., 1895), merchant.....
 Sarcxie, Missouri
 T. M. Clark, L. B., (A. M., ibid., 1894), president Bay View
 CollegePortland, Texas
 A. J. Cook, S. B., superintendent public schools...Seguin, Texas
 Trixie Green, S. B., teacher (Mrs. Judge Lively) Dallas, Texas
 Julia Holloway, S. B., (deceased).....
 Lizzie Thornton, S. B., (Mrs. J. M. Rieger)...Comanche, Texas
 J. B. Rogers, A. B., superintendent public schools.....
 Junction City, Texas

J. D. Shaw, S. B., (A. M., *ibid.*, 1897) Big Springs, Texas
 A. F. Shepard, S. B., deputy county clerk Gilmer, Texas
 John C. Smith, A. B., superintendent city schools, Vernon, Texas
 R. M. Scott, A. B., attorney-at-law Dallas, Texas
 Miltie Weatherly, S. B., teacher Grapevine, Texas
 Randolph Clark, A. M., professor T. C. U. 1873 to 1896,
 preacher De Leon, Texas
 Addison Clark, LL. D., president T. C. U. 1873 to 1899,
 president Add-Ran Jarvis College 1900-1909, preacher
 (died 1911) Mineral Wells, Texas

CLASS OF 1894

Pearl J. Boone, A. B., (Mrs. T. J. Grady), teacher
 Texico, New Mexico
 R. J. Clanton, L. B., druggist Dallas, Texas
 R. Carlton Clark, A. B., (A. M., *ibid.*, 1895), professor State
 University Oregon
 Ellsworth E. Faris, S. B., A. M., 1907, professor of phil-
 osophy,, T. C. U. Waco, Texas
 Fannie B. Kemp, S. B., (Mrs. A. F. Sheperd), (died 1905)
 Gilmer, Texas
 Maggie P. Lowber, A. M., (Mrs. J. W. Lowber), Austin, Texas
 R. L. Miller, L. B., attorney-at-law (died 1896), Mathis, Texas
 R. B. Whitton, L. B., teacher Waco, Texas
 M. M. Davis, A. M., preacher Dallas, Texas
 John T. Moore, A. M., physician Houston, Texas
 O. A. Riall, A. M., teacher Carr-Burdette Sherman, Texas
 R. Cantrell Scurrah, A. M., (LL. D., *ibid.*, 1896), Hull, England
 Lois A. White (Mrs. J. O. Holland), teacher Roscoe, Texas

CLASS OF 1895

Lee Clark, A. B., superintendent Iowa Park, Texas
 V. Z. Jarvis, S. B., stock raiser Fort Worth, Texas
 George H. Morrison, A. B., preacher Abilene, Texas
 Flora Pinkerton, S. B., (Mrs. G. H. Morrison), Abilene, Texas
 B. H. Oxford, L. B., attorney-at-law Mancos, Colorado
 Maud Wood, L. B., (Mrs. W. E. Branch), teacher
 Sherwood, Texas
 Dr. F. D. Green, A. M. Denver, Colorado
 Dr. George P. Hall, A. M., professor in Medical College
 Galveston, Texas

J. S. Henderson, LL. D., teacher.....London, England
 J. M. Lindsey, LL. D., teacher.....Hull, England
 F. H. Marshall, Ph. D., teacher.....Enid, Oklahoma
 J. J. Morgan, A. M., teacher.....Lincoln, Nebraska
 Samuel Naish, A. M., (LL. D., *ibid.*, 1897), preacher.....
 Exeter, England
 Dr. Clarence Warfield, A. M.....Galveston, Texas
 Thomas C. Woodman, LL. D., teacher.....Sussex, England

CLASS OF 1896

J. M. Campbell, A. B.....Anadarko, Oklahoma
 Julia F. Easley, S. B., (Mrs. O. C. Robertson) Iowa Park, Texas
 John F. Kemp, A. B., teacher.....Abilene, Texas
 G. A. Jewellen, Ph. D., professor English Bible, T. C. U.
 Fort Worth, Texas
 Bertha C. Mason, S. B., (Mrs. J. H. Fuller), missionary...
 Monterey, Mexico
 May Miller, L. B., (Mrs. R. H. Simmans).....Dublin, Texas
 W. H. Penix, S. B., attorney-at-law.....Mineral Wells, Texas
 Mary Lipscomb, S. B., (Mrs. Wiggins).....Frisco, Texas
 J. F. Anderson, A. M., professor of Science Department,
 Treasurer, T. C. U.....Fort Worth, Texas
 I. M. Cline, Ph. D., Director Weather Bureau, Galveston, Texas
 George Fowler, A. M., preacher.....Roswell, New Mexico
 Jesse B. Haston, A. M., preacher....Colorado Springs, Colorado
 A. M. Logan, A. M., teacher.....Fargo, North Dakota
 Lou Ella Clark, A. B., (Mrs. R. F. Holloway).....
 Stephenville, Texas

CLASS OF 1897

G. A. Lewellen, LL. D.,.....Fort Worth, Texas
 Lollie Broad, A. B., (Mrs. Wright)
 J. J. Hart, A. B., (A. M., *ibid.*, 1899), attorney-at-law.....
 Lubbock, Texas
 J. T. McKissick, A. B., (A. M., *ibid.*, 1904), preacher.....
 Nashville, Tennessee
 Ira Adams, Ph. D.,.....Cocoanut Grove, Florida
 A. T. Sherman, A. M.....Brooklyn, New York
 Ira P. Hildebrand, A. B., professor law.....Austin, Texas

CLASS OF 1898

Mary Foreman, A. B., (Mrs. T. C. Easley).....Munday, Texas

Frank F. Elkin, A. B., banker.....Midland, Texas
 Cora Kinnard, A. B., (Mrs. J. J. Hart).....Lubbock, Texas
 R. H. Simmans, A. B., preacher.....Dublin, Texas
 W. M. Lawyer, A. M., preacher.....Ellendale, N. D.
 W. W. Burks, A. M., preacher.....Parsons, Kansas

CLASS OF 1899

Mamie E. Schaper, L. B., teacher.....Waco, Texas
 Bessie R. Clark, L. B., teacher.....Amarillo, Texas
 W. T. Hamner, S. B., professor English, T. C. U.....

.....Fort Worth, Texas
 E. R. Cockrell, A. B., professor history, T. C. U.....

.....Fort Worth, Texas

Claude McClellan, A. B., attorney-at-law.....Coleman, Texas

S. P. Smith, A. M., teacher.....Lindsay, Oklahoma

J. L. Noblitt, A. M., teacher.....Weatherford, Oklahoma

CLASS OF 1900

John B. McNamara, A. B., attorney-at-law.....Waco, Texas

John W. Kinsey, A. B., professor education, T. C. U.....

.....Fort Worth, Texas

Marcellus H. Brasher, A. B., superintendent...Roswell, N. M.

John Andrews, A. B., teacher.....Thorp Springs, Texas

D. A. Leak, A. M., principal school.....

J. W. Littlejohn, A. M., teacher.....

CLASS OF 1901

Charles I. Alexander, A. B., professor Mathematics, T. C.

U.Fort Worth, Texas

L. Pierce Bailey, A. B., teacher.....Waco, Texas

Carr T. Dowell, A. B., professor chemistry, Weatherford, Okla.

Robert L. Marquis, A. B., professor biology, West Texas

State Normal.....Canyon City, Texas

Mrs. Maude W. Marshall, A. B.....Enid, Oklahoma

Olive McClintic, A. B., professor of oratory.....

.....Oklahoma City, Oklahoma

J. Frank Pruett, Jr., A. B., teacher.....Walter, Oklahoma

James N. Wooten, A. B., preacher.....Longview, Texas

Lillie Dell Bates, A. B., (Mrs. Clovis Moore)..Valentine, Texas

Ernest J. Bradley, A. B., preacher (A. M., *ibid.*, 1903)...

.....Lampasas, Texas

Virgie N. Gregory, A. B., teacher.....Waco, Texas

J. Crockett Mullins, A. B., preacher.....Chicago, Illinois

CLASS OF 1903

Effie Jones, A. B., (A. M., *ibid.*, 1904) (Mrs. Beaman)...
 Carlsbad, New Mexico
 H. E. Luck, A. B., preacher.....Cleburne, Texas
 W. F. Reynolds, A. B., preacher.....Plano, Texas

CLASS OF 1904

L. G. Ament, A. B., preacher.....Tucumcari, New Mexico
 Wesley Ammerman, A. B., attorney.....Fort Worth, Texas
 T. N. Goodson, A. B.....Comanche, Texas
 H. R. Ford, A. B., (B. D., 1909), preacher.....Midland, Texas
 R. H. Foster, A. B., attorney.....Brownwood, Texas
 Everett Jones, A. B., physician.....Sherman, Texas
 Jeila Jordan, A. B., teacher.....Leesville, Louisiana
 E. K. Lavender, A. B.....San Marcos, Texas
 Lena Lewis, A. B., teacher.....Leona, Texas
 Hallie McPherson, A. B., teacher.....Fort Worth, Texas
 Clovis T. Moore, A. B., stock raiser.....Valentine, Texas
 Ed S. McKinney, A. B., pastor.....Shattuck, Oklahoma
 C. C. Peck, A. B., preacher.....Stratford, Texas
 B. W. Proctor, A. B.....Mart, Texas
 Homer Rowe, A. B.....Dalhart, Texas
 Mary Taliaferro, A. B., teacher.....Austin, Texas
 Polk C. Webb, A. B., preacher.....North Waco, Texas
 Douglas Shirley, A. B., president Hereford College,.....
 Hereford, Texas
 James Johnson, A. M., president College of the Bible.....
Melbourne, Australia

CLASS OF 1905

Bessie Coffman, A. B., (Mrs. R. H. Foster), Brownwood, Texas
 L. L. Goss, A. B., bookkeeper.....Dalhart, Texas
 Elster M. Haile, A. B., A. M. 1906,Hereford, Texas
 Annie Maupin, A. B.....Kingston, Texas
 Earl Milroy, A. B., A. M. 1906, lawyer.....Houston, Texas
 Mamie Rattan, A. B.....Cooper, Texas
 Pauline Shirley, A. B., A. M. 1906 (Mrs. E. M. Haile)....
 Hereford, Texas
 Leroy D. Anderson, A. B., preacher.....Palestine, Texas
 Alonzo N. Ashmore, A. B., teacher.....San Saba, Texas
 William C. Barnard, A. B.....Cleburne, Texas
 L. Edward Brannin, A. B., physician.....Dallas, Texas

Frank Beach, A. B., A. M. 1906, preacher, Anadarko, Oklahoma
 Hardy Grissom, A. B., merchant.....Haskell, Texas
 Thomas C. Honea, A. B., physician.....Cleburne, Texas
 Coral Hamlin, A. B., teacher.....Mineral Wells, Texas
 John W. Smith, A. B., pastor.....Brownwood, Texas
 Lola Stockton, A. B., (Mrs. W. H. Bruns).....El Campo, Texas
 Zemula Clark, A. B.....Mineral Wells, Texas
 Abdullah Ben Kori, A. M.....Knoxville, Iowa

CLASS OF 1906

Louise Andrews, A. B.....Sherman, Texas
 C. M. Ashmore, A. B. (B. D., *ibid.*, 1910), preacher.....
Rodgers, Texas
 E. C. Boynton, A. B., preacher.....Dallas, Texas
 Bertha C. Bradley, A. B.....R. F. D. Dallas, Texas
 W. H. Bush, A. B., banker.....McKinney, Texas
 G. W. Carpenter, A. B., planter.....Plano, Texas
 J. L. Clark, A. B., teacher John Tarleton College.....
Stephenille, Texas
 C. P. Craig, A. B., preacher.....Terrell, Texas
 T. S. Graves, A. B.....McKinney, Texas
 J. F. Kinnard, A. B.....Dallas, Texas
 R. B. Muse, A. B., banker.....Fort Worth, Texas
 A. J. Saunders, A. B., preacher.....Subiaco, Australia
 J. H. H. Scales, A. B., real estate.....Brownsille, Texas
 J. H. Sheppard, A. B., teacher.....Winnsboro, Texas
 M. G. Smith, A. B., preacher.....Des Moines, Iowa
 T. F. Weaver, A. B., evangelist.....Chicago, Illinois
 Mamie Welch, Pierce, A. B.....Dike, Texas
 Modena Welch, A. B.....Dike, Texas

CLASS OF 1907

Ralph V. Callaway, B. D., preacher.....Atlanta, Illinois
 J. F. Quisenberry, B. D., preacher.....Weatherford, Texas
 O. R. Burcham, A. B., (died 1911).....Paris, Texas
 Campbell Carnes, A. B., student medical college...Dallas, Texas
 W. O. Dallas, A. B., preacher.....Brenham, Texas
 R. C. Garrard, A. B., American National Bank...Dallas, Texas
 Willena Hannaford, A. B., (Mrs. D. A. Shirley) Hereford, Texas
 J. R. Muse, A. B., teacher.....Canton, Missouri
 L. C. Procter, A. B., teacher.....Temple, Texas
 Mercy B. Perkins, A. B., (Mrs. Murray Ramsey), Austin, Texas

Cecil Wolford, A. B., (Mrs. R. C. Garrard) Dallas, Texas
 Robert Williams, A. B., Guarantee Bank & Trust Co.,
 Dallas, Texas

CLASS OF 1908

Nona M. Boegeman, A. B., missionary Mahoba, India
 Gordon B. Hall, A. B., journalist Madisonville, Ky.
 Alex Harwood, A. B., Secretary Retail Merchants Association
 Amarillo, Texas
 Mollie Hunter, A. B. Dallas, Texas
 Ethel Mills, A. B. (Mrs. Ben Gooch) San Antonio, Texas
 Jennie Vic McCulloch, A. B., A. M., ibid., 1909, teacher...
 Beaumont, Texas
 Frank Henry Newlee, A. B., principal public schools
 Coolrado, Texas
 Floy B. Perkinson, A. B., teacher Taylor, Texas
 Roy Elwood Rockwell, A. B., teacher La Junta, Colo.
 Paul Tyson, A. B., A. M., ibid., 1909, teacher Denison, Texas
 Beatrice Annie Tomlinson, A. B., (Mrs. C. D. Hall)
 North Waco, Texas
 Lela May Tomlinson, A. B., Hillsboro, Texas
 J. Olen Wallace, A. B., teacher Lampasas, Texas

CLASS OF 1909

Campbell Barnard, A. B., real estate Dallas, Texas
 Bertram H. Bloor, A. B., student law Manor, Texas
 Bryant F. Collins, A. B., civil engineer Dallas, Texas
 Bonner Frizzell, A. B., journalist Waco, Texas
 J. B. Frizzell, A. B., insurance Amarillo, Texas
 Clois L. Green, A. B., bank cashier Vernon, Texas
 Howell G. Knight, A. B., journalist Ballinger, Texas
 Eula McNeill, A. B., teacher Valley Mills, Texas
 James R. McFarland, A. B., bank cashier Ladonia, Texas
 Noah C. Perkins, A. B., (died 1910) Ann Arbor, Mich.
 Dan D. Rogers, A. B., Guaranty Bank & Trust Co., Dallas, Texas
 Earnest U. Scott, A. B., Stock farmer ... Greenville, New Mexico
 Mabel Shannon, A. B., teacher Hico, Texas
 William E. Sturgeon, A. B., principal public school
 De Kalb, Texas
 Douglas E. Tomlinson, A. B., law student Hillsboro, Texas
 John C. Welch, A. B., preacher Lubbock, Texas

CLASS OF 1910

Thurman J. Allen, A. B., merchant.....Coleman, Texas
 Marshall A. Baldwin, A. B., stock farmer.....Windom, Texas
 Gaitha P. Brous, A. B., teacher.....Thorp Spring, Texas
 Noel C. Carr, A. B., teacher.....Waco, Texas
 Ada Inex Culpepper, A. B., teacher.R. F. D. No. 3, Waco, Texas
 Albert Cruzan, A. B., teacher.....Midland, Texas
 Howard B. Dabbs, A. B., A. M., ibid 1911, teacher,.....

..... Hillsboro, Texas
 Barney Holbert, A. B., deputy county clerk.....Waco, Texas
 Elizabeth Lewellen, A. B., teacher.....Fort Worth, Texas
 John W. Pyburn, A. B., teacher.....Seymour, Texas
 A. O. Smith, A. B., preacher.....Milford, Texas
 J. William Smith, A. B., teacher.....Waco, Texas
 Myrtle Tomlinson, A. B., (Mrs. T. J. Allen)...Coleman, Texas
 Lucile Wolford, A. B.....Allen, Texas
 Loy C. Wright, Guaranty Bank & Trust Co.....Dallas, Texas
 Mrs. Stella Whitten, A. B., teacher.....Waco, Texas

CLASS OF 1911

Robert E. Abernathy, A. B.....Bonham, Texas
 G. N. Anderson, A. B.....Fort Worth, Texas
 Edgar H. Bush, A. B.....Allen, Texas
 John F. Bateman, A. B.....Eddy, Texas
 Earl X. Gough, A. B.....Hereford, Texas
 Leroy B. Gough, A. B.....Hereford, Texas
 S. W. Hutton, A. B., preacher,

.....R. F. D. Rievrside, Fort Worth, Texas
 Burl B. Hulsey, A. B.....Ladonia, Texas
 W. Clyde Hackney, A. B.....Wortham, Texas
 Elizabeth Higginbotham, A. B.....Ennis, Texas
 Clare Lewellen, A. B.....Fort Worth, Texas
 Cayce Lewellen, A. B.....Fort Worth, Texas
 Clara Moses, A. B.....Burnet, Texas
 V. W. Massie, A. B.....Waco, Texas
 Kathleen Munn, A. B.....Houston, Texas
 Neta Martin, A. B.....Arlington, Texas
 Louie Noblitt, A. B.....Cookille, Texas
 Mary Riter, A. B.....Forney, Texas
 V. H. Robinson, A. B.....Ennis, Texas
 Mabel Smith, A. B.....Fort Worth, Texas

Ethel Webb, A. B. Waco, Texas

MATRICULATES

Abernathy, Robert E. Bonham, Texas
 Adams, Fred H. Fort Worth, Texas
 Adams, Norma Fort Worth, Texas
 Alexander, Mrs. C. I. Fort Worth, Texas
 Agnew, Allen A. Ravenna, Texas
 Allen, Douglas Cleman, Texas
 Allison, Odessa Fort Worth, Texas
 Allison, Vier Fort Worth, Texas
 Allison, Mrs. W. L. Fort Worth, Texas
 Anderson, Ella San Benito, Texas
 Anderson, Ernest Whitewright, Texas
 Anderson, G. N. Fort Worth, Texas
 Anderson, Louise Fort Worth, Texas
 Appleton, Bertis Hermleigh, Texas
 Arceneaux, Early Fort Worth, Texas
 Axtel, Josephine Fort Worth, Texas
 Appelton, E. S. Arlington, Texas
 Baldwin, Fannie J. Haskell, Texas
 Bandy, Edith Dallas, Texas
 Barnard, Jane Sabinal, Texas
 Barnard, John A. Dallas, Texas
 Barron, Ballard Bonham, Texas
 Bateman, John F. Eddy, Texas
 Beal, Ralph E. Colorado, Texas
 Bury, Katherine Fort Worth, Texas
 Berry, T. J. Fort Worth, Texas
 Bettison, W. W. Paris, Texas
 Blanks, Minnie J. Lockhart, Texas
 Bond, Tom B. Fort Worth, Texas
 Boone, Lurline Texico, N. M.
 Boyd, Lynn Thorp Spring, Texas
 Bozeman, H. E. Bartlett, Texas

Bradley, Earl	Memphis, Texas
Bradley, oGldie	Fort Worth, Texas
Brinson, Roscoe	Timpson, Texas
Britton, Jeffie	Fort Worth, Texas
Brooks, Enola	Fort Worth, Texas
Brown, Rose	Fort Worth, Texas
Brown, Wilbur	Richland Springs, Texas
Buchanan, Tommye	Longview, Texas
Burns, Maude	Lubbock, Texas
Bush, E. H.	Allen, Texas
Bush, G. E.	Allen, Texas
Bujard, Paul	Venton, La.
Baldwin, Mabel	Haskell, Texas
Burns, Mae Bell	Fort Worth, Texas
Buster, A. L.	Anson, Texas
Calhoun, Nannie Mae	Fort Worth, Texas
Calloway, Earl E.	Hoopestown, Ill.
Camp, Bertrand H.	San Gabriel, Texas
Camp, Ray	Pecos, Texas
Cannon, Josie	Hillsboro, Texas
Carr, N. C.	Plano, Texas
Cartwright, E. B.	Waco, Texas
Carpenter, Ora	Ferris, Texas
Carson, Irene	Sherwood, Texas
Carson, Robert	Uvalde, Texas
Cassell, Carrie	Fort Worth, Texas
Chilton, Katie Mae	Goliad, Texas
Clark, Louise D.	Fort Worth, Texas
Clausell, Fronnie M.	Albany, Texas
Cochran, Hattie E.	Fort Worth, Texas
Cockrell, Beverly R.	Fort Worth, Texas
Cockrill, J. W.	Benton, Ill.
Cole, Doyle	Belton, Texas
Cooper, Claude	Crowell, Texas
Couch, Bettie	Italy, Texas
Couch, Bettie	Fort Worth, Texas
Cowan, Edna	Fort Worth, Texas
Cox, Alma	Waco, Texas
Cox, Eula	Fort Worth, Texas
Crady, Mary	Fort Worth, Texas

Crady, Ruby	Fort Worth, Texas
Crunk, Max	Martindale, Texas
Cummings, Vivian	Fort Worth, Texas
Curby, Quinn	Grandview, Texas
Dabbs, Ethel	Lexington, Texas
Dabbs, H. B.	Lexington, Texas
Daniels, M. E.	Waco, Texas
Dean, Tom. J., Jr.	Longview, Texas
Dean, Mertie	Longview, Texas
Denton, V. C.	Lancaster, Texas
Dodd, Catherine	De Ridder, La.
Dodd, Chester H.	De Ridder, La.
Dodd, F. T.	Nash, Texas
Dodd, O. A.	Detroit, Texas
Dodson, A. E.	Petersburg, Texas
Doherty, John	Hillsboro, Texas
Douglas, Francis M.	Cleburne, Texas
Duke, Clifford	Forney, Texas
Durrett, Edith	Fort Worth, Texas
Dycus, Avon	Fort Worth, Texas
Dycus, Jewel	Fort Worth, Texas
Dyer, Allee	Fort Worth, Texas
Easley, Edith	Taylor, Texas
Easley, Sam	Taylor, Texas
Eason, Ewing	Overton, Texas
Eggleston, Lola	Fort Worth, Texas
Elliott, Vera	Arlington, Texas
Estil, Charles C.	Grapevine, Texas
Evans, J. Edward	Granger, Texas
Farmer, M. J.	Colorado, Texas
Ferguson, W. C.	Alpine, Texas
Ferrell, Pauline	Eastland, Texas
Fields, Charlie	Ladonio, Texas
Fishburn, Lena F.	Fort Worth, Texas
Fitzhugh, Winnie D.	Fort Worth, Texas
Fleming, Anna H.	Athens, Texas
Fleming, Lurline	Athens, Texas
Floyd, Effie	Fort Worth, Texas
Franklin, Walter A.	Stith, Texas
Fred, Fannie	Fort Worth, Texas

Fred, Ida	Fort Worth, Texas
Fred, Lillie	Fort Worth, Texas
Freeman, Allen	Santa Anna, Texas
Gallaher, Camille	Graham, Texas
Gamble, Oscar	Dallas, Texas
Gantt, B.	Fort Worth, Texas
Gentry, Dick	Throckmorton, Texas
Gentry, Mattie	Throckmorton, Texas
Gibbons, Pearl	Sabinal, Texas
Gibson, Kathleen	Waxahachie, Texas
Glisson, Fred	Fort Worth, Texas
Gough, Earl	Hereford, Texas
Gough, Irma	Hereford, Texas
Gough, Leron B.	Hereford, Texas
Graves, Cullen	Hutchins, Texas
Gray, Claude	Hamlin, Texas
Gresham, Bewley	Cleburne, Texas
Grissom, Ernest	Haskell, Texas
Ginns, Gladys	Waco, Texas
Glenn, J. Burt	Fort Worth, Texas
Hackney, Grace	Wortham, Texas
Hackney, W. Clyde	Wortham, Texas
Haislip, J. C.	Farmersville, Texas
Hall, Alice	Eddy, Texas
Hall, Clarence M.	Madisonville, Ky.
Hall, May	Fort Worth, Texas
Hall, Myrtle	Fort Worth, Texas
Hamil, Alice	Fort Worth, Texas
Hannon, Kate	Fort Worth, Texas
Hanson, Gertie	Big Springs, Texas
Hardwick, H. H.	Aquilla, Texas
Harling, Lester C.	Belton, Texas
Harmonson, A. B.	Fort Worth, Texas
Harrison, B. H.	Fort Worth, Texas
Harrison, C. W.	Fort Worth, Texas
Harrison, Lil	Fort Worth, Texas
Hart, Bettie	Eastland, Texas
Hart, Myrtle	Eastland, Texas
Hays, Clyde	Fort Worth, Texas
Helms, Daphne	Josephine, Texas

Henderson, Elizabeth	Coleman, Texas
Henderson, Jessie	Fort Worth, Texas
Hemphill, Christoll	San Angelo, Texas
Hendricks, Louise	Grand Prairie, Texas
Higginbotham, Elizabeth	Ennis, Texas
Hill, Angie	Waco, Texas
Hill, Marvin A.	Gainesville, Texas
Hines, J. R.	Fort Worth, Texas
Holloway, Juddie	Longview, Texas
Holmes, George L.	Pilot Point, Texas
Holt, W. H.	Fort Worth, Texas
Horne, Earl S.	Plano, Texas
Houtchens, S. F.	Fort Worth, Texas
Hovencamp, Mabel	Keller, Texas
Hulsey, Burl B.	Ladonia, Texas
Hutton, S. W.	Fort Worth, Texas
Heath, Vera	Pecos, Texas
Ingalls, Lucia	Fort Worth, Texas
Irby, Willie B.	Weatherford, Texas
Isaacs, I. C.	Rockdale, Texas
Johnson, Helen W.	Fort Worth, Texas
Johnson, J. D.	Fort Worth, Texas
Jones, Grace	Fort Worth, Texas
Jones, H. D.	Coleman, Texas
Jones, H. L.	Marshall, Texas
Jones, R. B.	Loop, Texas
Jarvis, Dan	Fort Worth, Texas
Kane, Eugene S.	Palestine, Texas
Keithley, Clyde	Dallas, Texas
Kelley, Eugenia	Sabinal, Texas
Kerr, Blair	Corsicana, Texas
Kifer, Vera	Fort Worth, Texas
Kincaid, E. D.	Uvalde, Texas
Kincaid, Ray	Bonham, Texas
Kinsey, Juanita	Fort Worth, Texas
Lace, Beatrice	Burleson, Texas
Lamar, Lorena	Lake Charles, La.
Lamonicca, Tom	McKinney, Texas
Lansing, Ida M.	Marshall, Texas
Langston, A. L.	Palestine, Texas

Langston, Sam Y.	Waco, Texas
Lattiner, Willie	Mineral Wells, Texas
Lavender, Grady	Lancaster, Texas
Lawson, Lois	McGregor, Texas
Leahy, Anna	Fort Worth, Texas
Lewellen, Cayce	Fort Worth, Texas
Lewellen, Clare	Fort Worth, Texas
Lewellen, Elizabeth	Fort Worth, Texas
Lewis, Kemp	Dallas, Texas
Lindley, Kinchalow	Dallas, Texas
Lindley, Kinchalow	Mertzon, Texas
Little, Add Ran	Kennedale, Texas
Lockhart, Naomi	Fort Worth, Texas
Logan, Marie	Fort Worth, Texas
Luther, Deana	Fort Worth, Texas
Lydick, Hugh	Fort Worth, Texas
Lockhart, Mrs. C.	Fort Worth, Texas
Mabry, Joe	Graham, Texas
Mann, Lela	Arlington, Texas
Martin, Neta	Arlington, Texas
Mason, McXie Mae	Dallas, Texas
Massie, Will	Waco, Texas
Matthews, J. E.	Fort Worth, Texas
Melton, Carl E.	Allen, Texas
Melton, D. G.	Allen, Texas
McCullough, Jennie V.	Beaumont, Texas
Miller, Martha K.	Waco, Texas
Minier, Justus	Waco, Texas
Minier, Julian	Waco, Texas
McCollough, Francis M.	Abilene, Texas
McCormick, Ralph E.	Corsicana, Texas
McFarland, Ethel	Ladonia, Texas
McFarland, Will S.	Ladonia, Texas
McFarland, Gordon B.	Ladonia, Texas
McGregor, Eugene	Pendleton, Texas
McKnight, Ewell	Eldorado, Texas
McLennan, Verdie	Fort Worth, Texas
McNeely, Robert	Fort Worth, Texas
McNeil, Bess	Valley Mills, Texas
McPherson, Albert	Fort Worth, Texas

Miller, Frankie	Fort Worth, Texas
Miller, J. Ross	Marion, Ind.
Moffatt, John	Fort Worth, Texas
Moore, R. D.	Hamlin, Texas
Morrow, Daisy	Kaufman, Texas
Morton, L. C.	Jacksboro, Texas
Moses, Clara	Burnet, Texas
Munn, Kathaleen	Houston, Texas
Murray, Joe J.	Sulphur Springs, Texas
oMontgomery, Vera	Waco, Texas
Molina, Mateo	Waco, Texas
Munyan, A. L.	Waco, Texas
Nelson, Ruby	Fort Worth, Texas
Nesbitt, Ruth	Wortham, Texas
Nicholson, E. H.	Jacksboro, Texas
Noblitt, Louie	Cookville, Texas
Odell, Lela	Haskell, Texas
Odell, Mamie	Haskell, Texas
Oden, Elma	Longview, Texas
Owens, E. W.	Coalingo, Cal.
Owens, Lizzie	Marlin, Texas
Ozsheer, R. G.	Fort Worth, Texas
Oberhoff, Maude	Fort Worth, Texas
Parker, Ellen	Corpus Christi, Texas
Parker, Luther	Corpus Christi, Texas
Parks, Benn	Lancaster, Texas
Patterson, Lucile	Waco, Texas
Patterson, Myrtle	Garrison, Texas
Peacock, Dixon W.	Fort oWtrh, Texas
Perkins, Hallie B.	Cameron, Texas
Pitts, Leta	Fort Worth, Texas
Potter, Beulah	Hereford, Texas
Pyburn, Jasper	Comfort, Tenn.
Pyburn, Ned	Comfort, Tenn.
Perry, Dorris	Jacksonville, Texas
Quirey, J. A.	Morganfield, Ky.
Ragle, G. H.	Fort Worth, Texas
Rattan, W. A.	Cooper, Texas
Rawls, Mrs. R. B.	Fort Worth, Texas
Rawlings, John A.	Lancaster, Texas

Rayburn, Ruth	McGregor, Texas
Reed, Gladys	Big Springs, Texas
Reeves, James H.	Whitewright, Texas
Rial, Eula Mae	Fort Worth, Texas
Ripy, Willie	Fort Worth, Texas
Risinger, Jodie	Fort Worth, Texas
Riter, Katharene	Forney, Texas
Ragsdale, Beatrice	Cooper, Texas
Ragsdale, Mrs. J. W.	Cooper, Texas
Riter, Mary	Forney, Texas
Robbins, Stella	Fort Worth, Texas
Roberts, Catherine	Fort Worth, Texas
Roberts, Mildred Lee	Fort Worth, Texas
Roberts, Mildred	Patrick, Texas
Robinson, V. H.	Ennis, Texas
Robinson, W. L.	Fort Worth, Texas
Rockett, Mary	Fort Worth, Texas
Rogers, Earl	Milford, Texas
Sawyer, Maude	Fort Worth, Texas
Scott, Lorene	Palestine, Texas
Sears, A. C.	Fort Worth, Texas
Shirley, Harriett	Hereford, Texas
Simpson, Fred	Snyder, Okla.
Slaton, Ed	Big Springs, Texas
Small, Serena	Rosebud, Texas
Smith, E. H., Jr.	Fort Worth, Texas
Smith, Mabel	Fort Worth, Texas
Smith, Lucy F.	Fort Worth, Texas
Smith, Minnie Mae	Fort Worth, Texas
Snider, A. H.	McKinney, Texas
Sorey, Lex	Greenville, Texas
Starkey, Ermine	Jacksonville, Texas
Sterley, Mae	Fort Worth, Texas
Stirman, Winfield	Athens, Texas
Stevenson, G. W.	Sulphur, Okla.
Stewart, Grover W.	Denison, Texas
Stewart, R. B.	Clayton, N. M.
Stiles, Cecil	Thrall, Texas
Stine, James	Henrietta, Texas
Strong, True	Dallas, Texas

Swink, Clinton	Temple, Texas
Taylor, Carrie	Burnet, Texas
Taylor, Juanita	Jacksonville, Texas
Thetford, Willie	Godley, Texas
Thompson, Mattie	Alvarado, Texas
Thorne, Lawrence	Fort Worth, Texas
Tomlinson, Carl E.	Hillsboro, Texas
Tomlinson, Roy G.	Hillsboro, Texas
Townsend, Clara	Gorman, Texas
Travis, E. B.	Fort Worth, Texas
Truelove, Edna	Baird, Texas
Twyman, H. G.	Ravenna, Texas
Tygrett, Willie	Mineral Wells, Texas
Tyson, Amboline	Santa Anna, Texas
Tyson, Graham	Santa Anna, Texas
Van Zandt, Francis	Fort Worth, Texas
Van Zandt, Margaret	Fort Worth, Texas
Varnall, Robert	Hillsboro, Texas
Vincent, Lucy	Fort Worth, Texas
Wade, Braxton B.	Elgin, Texas
Wade, Libbie	Elgin, Texas
Wallace, Laura	Mineral Wells, Texas
Waters, Chester	Allen, Texas
Watts, Ballard	Gainesville, Texas
Webb, Ethel	Waco, Texas
Webb, Sue	Mart, Texas
White, Francis	Jacksonville, Texas
White, James L.	McKinney, Texas
Whittenburg, Carolyn	Georgetown, Texas
Wilkes, Charles M.	Hubbard, Texas
Wilkes, Lois	Hubbard, Texas
Wilkerson, Hubert	Fort Worth, Texas
Williams, Lockhart	Fort Worth, Texas
Williams, Ruth	Garland, Texas
Willson, Boyd W.	Longview, Texas
Wise, Oscar J.	Richland Springs, Texas
Witt, W. P.	Hutchins, Texas
Wolford, Wanda	Allen, Texas
Wood, Lindley	Sherwood, Texas
Wood, Ollie	Woodson, Texas

Woodward, Verna	Fort Worth, Texas
Woody, Vera	Fort Worth, Texas
Wooten, Mrs. J. W.	Fort Worth, Texas
Wordlaw, Jessie	Fort Worth, Texas
Wright, Mary	Palestine, Texas
Wright, Mary	Fort Worth, Texas
Wright, Mildred	Fort Worth, Texas
Wright, Prentice	Fort Worth, Texas
White, H. M.	Arlington, Texas
Whitton, R. B.	Waco, Texas
Yoakum, Gladys	Fort Worth, Texas
Young, Ruth	Fort Worth, Texas
Young, Sophia	Fort Worth, Texas

GRADUATES

Howard B. Dabbs, A. M.

SENIORS

Abernathy, Robert E.	Lewellen, Clare
Anderson, G. N.	Lewellen, Cayce
Bush, Edgar H.	Mozes, Clara
Bateman, John F.	Massie, J. W.
Gough, Earl X.	Munn, Kathleen
Gough, Leron B.	Martin, Neta
Hutton, S. W.	Noblitt, Louie
Hulsey, Burl B.	Riter, Mary
Hackney, W. Clyde	Robinson, V. H.
Higginbotham, Elizabeth	Smith, Mabel
Webb, Ethel	

JUNIORS

Agnew, Allen	Irby, Willie Ben
Allison, Vier	Murray, Joe J.
Allison, Odessa	Morrow, Daisy
Bozeman, Herbert	McNeil, Bess
Barnard, John A.	Rogers, Earl
Couch, Bettie	Shirley, Harriett
Carpenter, Ora	Starkey, Ermine
Daniels, Milton E.	Tomlinson, Roy G.
Gibson, Kathleen	Tyson, Graham
Graves, Cullen	Wade, Braxton B.
Hall, Clarence M.	Wise, Oscar J.
Willson, Boyd	

SOPHOMORES

Anderson, Ernest
 Burns, Maude
 Boyd, Lynn
 Cockrill, J. W.
 Camp, Ray
 Camp, B. H.
 Denton, V. C.
 Evans, J. E.
 Easley, Sam
 Ferguson, W. C.
 Hackney, Grace
 Hill, Angie
 Kinsey, Juanita

Lavender, Grady
 McFarland, Gordon B.
 McFarland, Will S.
 Mason, McXie Mae
 Miller, Frankie
 Parks, Ben
 Riall, Eula aMe
 tSewart, Grover W.
 Thetford, Willie
 Twyman, H. G.
 Wade, Libbie
 Wilkes, Charles
 Wilkes, Lois

FRESHMEN

Appleton, Bertis
 Buchanan, Tommye
 Baldwin, Fannie J.
 Brinson, Roscoe
 Barnard, Jane
 Boone, Lurline
 Beal, Ralph E.
 Brown, Wilbur
 Carson, Irene
 Calloway, Earl
 Cooper, Claude
 Dodd, Catherine
 Dabbs, Ethel
 Eason, Ewing
 Elliott, Vera
 Fleming, Anna H.
 Freeman, Allen
 Farmer, M. J.
 Hall, Alice
 Harling, Lester C.
 Helms, Daphne
 Kane, Eugene S.

Langston, A. L.
 Lindley, Kinchalow
 McFarland, Ethel
 McPherson, Albert
 Nelson, Ruby
 Oden, Elma
 Peacock, Dixon W.
 Parker, Luther
 Rawlins, John A.
 Stirman, Winfield
 Swink, Clinton
 tSiles, Cecil
 Scott, Lorene
 Simpson, Fred
 Stine, James
 Stewart, Robert
 Tomlinson, E. C.
 Tyson, Amboline
 Wood, Lindley
 Williams, Ruth
 Wallace, Laura
 Webb, Sue

ENROLLMENT

Add-Ran College of Arts and Sciences.....	282
College of the Bible.....	26
College of Business—	
Bookkeeping	31
Shorthand	25
Typewriting	38
College of Fine Arts—	
Oratory	50
Art	22
Piano	86
Voice	46
Violin	7
Harmony	22
Girls' Chorus	25
Boys' Glee Club	20
<hr/>	
Total enrollment, omitting duplicate names.....	362

INDEX

INDEX

- Academy, 115
Affiliated Schools, 126
Arts and Sciences, Col. of, 33
Athletics, 27, 125

Bible, College of, 66
Biology and Geology, 60
Business, College of, 104
Bulletin, The, 21

Chemistry and Physics, 57
Church at University, 23
Church History, 69
Calendar, 2

Discipline, 25
Discounts, 123
Dormitories, 77

Education, Course of, 63
Endeavor Society, 24
Endowment, 31
English Courses, 46
Enrollment, 19, 34, 35
Entrance Examinations, 35
Equipment, 14
Examinations, 19
Expenses, 122

Fine Arts, College of, 78
French, Courses in, 45

German, Courses in, 42
Government, 25
Graduate Work, 40
Greek Courses, 41, 73

Health, 27
Heating Plant, 15
Hebrew Course, 71
High Schools, 128
History, 50
History of University, 12
Horned Frog, 22

Incorrigible Students, 28
Laboratories, 14

Latin Courses, 42
Lectures, Courses, 25; Special,
 Art, 102
Library, 22
Main Building, 14
Mathematics, Courses in, 54
Medical Department, 130
Ministerial Association, 24
Music Department, 79

Oratorical Association, 20
Oratory Department, 99
Organ Course, 92

Painting, School of, 101
Philosophy, 52
Piano, 86
Preaching, 76
Publications, 21
Physical Culture, 125

Rank of University, 31
Reading Room, 22
Religious Opportunities, 24
Requirements for Graduation,
 38, 87, 91

Scholarships, 21
Shorthand, 112
Skiff, The, 22
Spanish, Courses in, 46
Society Prizes, 20
Students' Loan Fund, 75
Summary of Advantages, 30
Summer School, 29
Sunday School, 23
Students' Volunteer Band, 23

Typewriting, 111

Violin Course, 90
Voice Culture, 88

Word to Parents, 123
Y. M. C. A., 24
Y. W. C. A., 24
Water Supply, 27



PRINTED BY THE STUDENTS AT
THE UNIVERSITY PRINT SHOP.

H
112
VOL. IX, No. 2

MAY 1912

Texas
Christian University
Bulletin

CATALOGUE NUMBER

1912

PUBLISHED BI-MONTHLY

—BY—

TEXAS CHRISTIAN UNIVERSITY

FORT WORTH, TEXAS

Entered as Second Class Mail Matter at the Postoffice at
Fort Worth, Texas.



Texas Christian University

CATALOGUE 1911-1912

With Announcement of Courses
for 1912-1913

PRESS of THE T. C. U. PRINT SHOP

Fort Worth, Texas

1912

CALENDAR

SESSION 1912-1913

1912

Fall Term Opens.....	Tuesday, September 10
Enrolment and Classification...	Tues and Wed., September 10-11
Convocation Sermon	Sunday, September 15
Thanksgiving Holiday	Thursday, November 28
President's Reception	Thursday, November 28
Fall Term Ends	Saturday, December 28

1913

Winter Term Opens	Wednesday, January 1
Washington's Birthday Holiday.....	Saturday, February 22
Winter Term Ends	Saturday, March 22
Spring Term Opens	Tuesday, March 25
Joint Session of Literary Societies.....	Saturday, June 7
Baccalaureate Sermon	Sunday, June 8
Fine Arts Recitals.....	Monday and Tuesday, June 9-10
Class Day Exercises.....	Wednesday, June 11
Alumni Banquet	Wednesday Evening, June 11
Commencement Exercises	Thursday, June 12

FOREWORD

Texas Christian University stands pre-eminently as a representative of that ideal of education which believes in thorough physical, mental, moral, and spiritual culture. Striving for the most broad and scholarly intellectual training, it at the same time inculcates the highest possible moral ideals and, as the only substantial basis for them, a definite and positive religious environment. The atmosphere of the school is in no sense narrowly sectarian, but is vigorously and energetically Christian. Believing the highest type of character to be embodied in the Christ of Galilee, we endeavor by precept and example to hold His life up before our students for realization and embodiment in their own careers. We believe that the supreme need of the present age is for positive Christian manhood and womanhood. Texas Christian University exists for the purpose of meeting, as far as possible, this need.

CONTENTS

I—INTRODUCTION	Page
Calendar	4
Board of Trustees	6
Faculty	10
Departments of the University	18
II—COURSES OF INSTRUCTION BY DEPART- MENTS	
Add-Ran College of Arts and Sciences	19
College of the Bible	48
College of Fine Arts	62
College of Business	81
College of Medicine	91
The Academy	111
III—MISCELLANEOUS INFORMATION	
History of the University	119
Location, Building and Grounds	120
Government and Organization	124
Library	125
Publications	126
Student Organizations	127
Prizes	129
Rules and Regulations	130
Athletics	130
Endowment and Bequests	134
Expenses	135
List of Affiliated High Schools	140
IV—GRADUATES AND MATRICULATES	146
V—ALUMNI	170

BOARD OF TRUSTEES

EXECUTIVE BOARD

Term Expires 1913

H. M. DURRETT	Fort Worth, Texas
G. A. FARIS	Dallas, Texas
S. M. HAMILTON	Waco, Texas
T. E. SHIRLEY	Hereford, Texas
H. W. STARK	Gainesville, Texas
WM. A. WILSON	Houston, Texas

Term Expires 1914

S. P. BUSH	Allen, Texas
GEORGE G. COLE, JR.	Belton, Texas
JAMES HARRISON	Fort Worth, Texas
F. G. JONES	McKinney, Texas
F. M. MILLER	Waco, Texas

Term Expires 1915

R. L. COUCH	Dallas, Texas
DR. H. W. GATES	Waco, Texas
C. W. GIBSON	Waxahachie, Texas
DR. BACON SAUNDERS	Fort Worth, Texas
H. H. WATSON	Longview, Texas

Term Expires 1916

J. L. CASSELL	Fort Worth, Texas
J. J. HART	Dallas, Texas
VAN ZANDT JARVIS	Fort Worth, Texas
MALCOLM H. REED	Austin, Texas
T. E. TOMLINSON	Hillsboro, Texas

Officers of Board

T. E. TOMLINSON	President
C. W. GIBSON	Vice-President
E. M. WAITES	Secretary

BOARD OF TRUSTEES

ADVISORY BOARD—TERM ONE YEAR

L. D. ANDERSON	Fort Worth, Texas
W. P. BEAUMONT	Waco, Texas
L. C. BRITE	Marfa, Texas
ED. CASTLEMAN	Elk, Texas
W. A. DARTER	Fort Worth, Texas
C. I. DICKINSON	Fort Worth, Texas
A. C. EASLEY	Waco, Texas
MRS. R. D. GAGE	Fort Worth, Texas
L. GOUGH	Hereford, Texas
DR. R. H. GOUGH	Hillsboro, Texas
DR. R. L. GREEN	Fort Worth, Texas
B. F. HALL	Fort Worth, Texas
COLBY D. HALL	Waco, Texas
J. W. HOLSAPPLE	Hillsboro, Texas
MRS. IDA JARVIS	Fort Worth, Texas
MAJOR J. J. JARVIS	Fort Worth, Texas
WILLIAM KILGORE	Gainesville, Texas
DR. J. R. KNIGHT	Eddy, Texas
N. H. LASSITER	Fort Worth, Texas
J. H. LOCKWOOD	Waco, Texas
J. C. MASON	Dallas, Texas
C. McPHERSON	Fort Worth, Texas
J. Z. MILLER	Belton, Texas
E. B. RANDALL	Fort Worth, Texas
T. S. REED	Beaumont, Texas
J. M. REIGER	Comanche, Texas
W. D. REYNOLDS	Fort Worth, Texas
B. C. RHOME	Fort Worth, Texas
J. F. SHELTON	Fort Worth, Texas
LEROY SMITH	Fort Worth, Texas
G. F. STEARNS	Taylor, Texas
J. AUSTIN STRANGE	Waco, Texas
GENERAL K. M. VAN ZANDT	Fort Worth, Texas
J. M. VINCENT	Fort Worth, Texas
E. M. WAITES	Fort Worth, Texas
B. L. WOGGOMAN	Fort Worth, Texas

STANDING COMMITTEES OF TRUSTEES

EXECUTIVE

T. E. TOMLINSON, Chairman

J. L. CASSELL

V. Z. JARVIS

G. A. FARIS

DR. BACON SAUNDERS

C. W. GIBSON

S. M. HAMILTON

FINANCE

VAN ZANDT JARVIS, Chairman

M. H. REED

C. W. GIBSON

JAMES H. HARRISON

GEORGE W. COLE

BUILDING AND GROUNDS

C. W. GIBSON, Chairman

H. W. GATES

J. L. CASSELL

H. W. STARK

S. P. BUSH

AUDITING

JAMES H. HARRISON, Chairman

H. M. DURRETT

F. M. MILLER

FACULTY

J. J. HART, Chairman

F. G. JONES

R. L. COUCH

J. L. CASSELL

V. Z. JARVIS

FACULTY

FREDERICK D. KERSHNER, M. A.,

President of the University.

(B. A., Kentucky University, 1899; M. A., Princeton University, 1900; Graduate Study in Italy and England, 1903; *ibid.*, Germany, 1911; Staff Lecturer for the American Society for the Extension of University Teaching, 1902-'06; Dean of Kee Mar College, 1902-'05; Dean of the American University, 1906-'08; President of Milligan College, 1908-'11; President of Texas Christian University, 1911——).

WILLIAM B. PARKS, A. M.,

Dean of the University; Professor of Chemistry and Physics.

(B. S., Add-Ran University, 1886; A. M., *ibid.*, 1892; Ph. D., 1894; Student Vanderbilt University, 1884-'85; Graduate Student, *ibid.*, first term, 1886-'87; Harvard University, Summer of 1888; University of Virginia, Summer of 1890; University of Chicago, Autumn and Winter Quarters, 1892-'03; Summer Term, 1898; Professor of Natural Sciences, Add-Ran Christian University, 1887-'99; Professor of Natural Sciences, Randolph College, 1899-'01; Professor Natural Sciences and Mathematics, College at Hereford, 1893-'04; Professor in Texas Christian University, 1894——).

CLINTON LOCKHART, A. M., Ph. D.,

Professor of Greek and Hebrew.

(A. B., Kentucky University, 1886; A. M., *ibid.*, 1888; Graduate in Classical Course, College of the Bible, 1886; Graduate Student Yale Divinity School, 1887-'88; Ph. D., Yale University, 1894; President Columbia College, Kentucky, 1892-'93-'94-'95; President Christian University, Missouri, 1895-1900; Professor of Biblical Literature, Drake University, 1900-'06; President Texas Christian University, 1906-'10; Professor Greek and Hebrew, Texas Christian University, 1911——).

JAMES B. ESKRIDGE, A. M., Ph. D.,*Professor of Latin.*

(A. M., University of Chicago; Ph. D., Cumberland University; Associate Principal East Side Academy, Nashville, Tenn., 1891-'94; President Bedford College, Tenn., 1894-'96; Principal Springfield Collegiate Institute, Tenn., 1896-'97; Professor of Latin and Mathematics in University School, Montgomery, Ala., 1897-'98; Professor of Latin in Texas Christian University, 1898——).

EGBERT R. COCKRELL, A. M., LL. M.,*Professor of History and Political Science.*

(A. B., Texas Christian University; A. M., Drake University; LL. B., Iowa College of Law; LL. M., Iowa College of Law; Graduate Student, University of Chicago, Summer Terms of 1901-'02; Graduate Student of Columbia University for the school year of 1903-'04, and Winter and Spring of 1905; Attorney at Law, Bozeman, Mont., 1898; Professor in Texas Christian University, 1899-1903; Assistant Pastor First Church of Christ, New York City, 1904-'05; Professor in Texas Christian University, 1906——).

ELLSWORTH EUGENE FARIS, A. M.Professor of Philosophy.*

(S. B., Add-Ran University, 1894; A. M., 1907; Graduate Student University of Chicago, 1901-'02, and Spring and Summer Quarters, 1906; Principal of Preparatory Department, Add-Ran University, 1894-'95; Missinoray to Congo Free State, 1895-1904; Assistant Editor Christian Courier, 1904-'06; Professor of Philosophy in Texas Christian University, 1906——).

*On leave of absence.

CHARLES I. ALEXANDER, A. B., B. S.,*Professor of Mathematics.*

(A. B., Add-Ran Christian University, 1901; B. S., University of Texas, 1902; Graduate Student, University of Chicago, 1902-'03; Professor of Mathematics, Jarvis College, 1903-'05; Vice Principal and Professor of Mathematics, Hoitt's School, Menlo Park, Cal., 1905-'06; Graduate Student, Stanford University, 1905-'06; Professor of Mathematics, John Tarleton College, 1906-'08; Professor of Mathematics, Texas Christian University, 1908——).

JOHN W. KINSEY, A. B.,*Professor of Education.*

(A. B., Add-Ran Christian University, 1900; Graduate Business Department, *ibid.*, 1895; Special Student in Education, University of Texas, Summers of 1906 and 1907; Principal of Commercial Department, Stephenville (John Tarlton) College, 1894-'95; Several Years Principal and Superintendent of Public Schools; Professor of Education, Texas Christian University, 1909——).

HARRY TRUMBULL SUTTON, A. B., B. S., B. O.,*Professor of Homiletics and Church History.*

(B. S., Valparaiso University, 1888; A. B., Northwestern Christian College, 1893; B. O., Drake University, 1902; Graduate Student, University of Nebraska, 1896-'97; Professor of Oratory, Cotner University, 1895-'07; Professor of Oratory and English Literature, Southern Oregon State Normal, 1907-'08; Professor of English, Eugene Bible University, 1908-'09; Professional Reader of Biblical Literature, 1909-'10; Professor Homiletics and Assistant in Oratory, Texas Christian University, 1910——).

W. I. BIRGE, A. B., A. M.,*Professor of Biology and Geology.*

(A. B., University of Texas, 1909; A. M., *ibid.*, 1910; Assistant Professor Biology and Geology, Texas Christian University, 1910-'11; Professor of Biology and Geology, *ibid.*, 1911——).

OLIVER L. LYON, A. M., Ph. D.,*Professor of English Language and Literature.*

(B. S., Valparaiso University, 1887; B. O. and B. A., *ibid.*, 1888; Ph. B., DePauw University, 1894; A. M., *ibid.*, 1895; Ph. D., Boston University, 1896; Graduate Illinois State Normal, 1900; Professor of English and History in Steelville Normal School, Mo., 1888-'91; Professor of Natural Sciences in Greencastle High School, Ind., 1891-'95; President of Steelville Normal School and Professor of English and History, 1896; Professor of Sociology and Assistant in English, Illinois Wesleyan University, 1900-'05; Minister First Christian Church, Newman, Ill., 1905-'07; Professor of English Literature, Oklahoma Christian University, 1907-'11; Head of the English Department, Texas Christian University, 1911——).

C. A. EXLEY, A. B.,*Assistant Professor of Philosophy.*

(A. B., University of Nebraska, 1904; Graduate Student, University of Chicago, 1904-'11; Assistant Professor of Philosophy, Texas Christian University, 1911——).

H. F. PAGE, A. M.,*Assistant Professor of English.*

(A. B., Wake Forest College, 1910; A. M., Harvard University, 1911; Assistant Professor of English, Texas Christian University, 1911——).

MARGARETE L. SARGENT,*Professor of Modern Languages.*

(Bierstedtsche Toechterschule, Rostock, Mecklenburg. Graduate Selecta, Magdeburg. French Seminary, Riviera. Saechsisches Lehrer Seminar, Dresden. Principal of German Department in Public Schools, Pomeroy, Ohio, 1887-'93; Professor Modern Languages of Fort Worth University, 1906-1911; Professor of Modern Languages, Texas Christian University, 1912——).

FRANK ARTHUR JOHNSON, (Leipzig and Dresden),*Director of Conservatory of Music; Pianoforte.*

(Pupil of Herrmann Scholtz, Dresden; Pupil of Uso Seifert, Dresden; Pupil of Johannes Weidenbach, Leipzig; Royal Conservatory of Music, Leipzig).

HARALD R. TECHAU, (Leipzig and Dresden),*Pianoforte.*

(Pupil of Hermann Scholtz, Dresden; Pupil of Eugene Krantz, Rudolph Rimmel and Herrmann Vetter of the Royal Conservatory of Music in Dresden; Pupil of Adolf Ruthardt, Paul Quasdorf, S. Jadassohn, Robert Teichmueller, and Carl Wendling of the Royal Conservatory of Music in Leipzig).

FRANK C. AGAR, (Warren Conservatory),*Voice Culture.*

LUCY AULT, (Cologne),

Violin and Pianoforte.

(Conservatory of Music, Cologne).

CLYDE BATSELL REEVES, A. B., B. O.,

Principal School of Oratory.

(B. A. and B. O., Grayson College, Texas, 1900; Graduate Student, Emerson College of Oratory, Boston, 1900-'01; Student, Harvard University under Dr. Sargent, 1901; Student under Leland T. Powers, 1902; Student, New England Conservatory, 1903; Student, University of Chicago, Summer 1905 and 1907; Principal School of Oratory, Grayson College, 1901-'07; Principal School of Oratory, Texas Christian University, 1907—).

DURA BROKAW-COCKRELL, A. B.,

Principal of School of Painting and Drawing.

(A. B., Drake University, 1896; Graduate, Drake School of Art, 1896; Principal of School of Art, Texas Christian University, 1899-1903; Graduate Student, Chicago Art Institute, Summer Terms of 1901 and 1902; Graduate Student, International Academy of Design, New York Art School and the Art Students' League, 1903-'05; Principal of School of Art, Texas Christian University, 1900—).

J. A. DACUS, M. Acc'ts.,

Principal of College of Business.

(Student of the University of Arkansas, 1893-'94; Graduate Student Draughon's Business College, Nashville, 1895; Principal of Commercial Department, Martin Institute, Jefferson, Ga., 1895-'96; Principal Shorthand Department, Draughon's Business College, Texarkana, 1896; Proprietor Pottsville Business College, Pottsville, Pa., 1897-'99; Organizer of McKinney Business College, McKinney, Texas, 1900; Proprietor of Dacus' Business College, Dallas, Texas, 1903-'05; Principal of the College of Business, Texas Christian University, 1905-'07; Principal of the College of Business, Texas Christian University, 1910—).

C. H. ROBERTS, A. B.,

Principal of the Academy.

(Student Kansas University; B. S., Kansas Normal College, 1887; A. B., Kansas Normal College, 1889; Principal Public Schools, Dighton, Kan., 1889-1893; Abingden, Ill., 1894-'96; Buena Vista, Colo., 1896-'97; Superintendent of City Schools, Kingfisher, Okla., 1897-1902; Professor of History and Political Science, Central State Normal School, Edmond, Okla., 1902-'08; Principal Logan County High School, Guthrie, Okla., 1908-'10; Principal of Academy of Texas Christian University, 1910——).

MRS. JOHN W. KINSEY,

Instructor in the Academy.—(Mathematics).

JAMES MILLER,

Instructor in the Academy.—(English).

E. R. BENTLEY,

Instructor in the Academy.—(Science).

P. M. FAULKNER,

Instructor in the Academy.

BOYD WILSON,

Instructor in the College of Business.—(Bookkeeping).

CLARA WHITMAN,

Instructor in the College of Business.—(Shorthand).

OTHER OFFICERS OF THE UNIVERSITY

JAMES F. ANDERSON,
Business Manager.

C. I. ALEXANDER,
Secretary of the Faculty.

W. M. WILLIAMS,
Endowment Secretary.

NELL ANDREW,
Librarian.

MRS. L. E. MCKINNEY,
Lady Principal.

MRS. TERRY KING,
Matron.

ELIZABETH HENDERSON,
Superintendent Piano Practice.

Registrar.

C. M. KEITHLEY,
Office Secretary.

GEORGE W. SAAM,
Physical Director.

WILLIS STEWART,
Athletic Coach.

NOTE.—Professors in the College of Medicine are listed under that Department.

STANDING COMMITTEES OF THE FACULTY

CLASSIFICATION AND ADVANCED STANDING

*Dean Parks, Chairman**Professor Exley**Professor Eskridge*

BULLETIN

*Professor Anderson, Chairman**Professor Page**Professor Kinsey*

PUBLICATIONS

*Professor Cockrell, Chairman**Professor Lyon**Professor Exley*

LIBRARY

*Professor Eskridge, Chairman**Miss Birge**Miss Reeves*

AFFILIATED SCHOOLS

*Professor Kinsey, Chairman**Professor Roberts**Professor Alexander*

CHAPEL

*Professor Sutton, Chairman**Professor Dacus**Professor Roberts*

CURRICULUM AND SCHEDULE

*Professor Lockhart, Chairman**Professor Cockrell**Professor Parks*

ATHLETICS

*Professor Alexander, Chairman**Professor Dacus**Professor Sutton*

DEPARTMENTS OF THE UNIVERSITY

- I. Add-Ran College of Arts and Sciences
- II. College of the Bible
- III. College of Fine Arts
- IV. College of Business
- V. College of Medicine
- VI. The Academy

AFFILIATED COLLEGES

- I. Hereford College, Hereford, Texas
- II. Midland College, Midland, Texas

Add-Ran College
of
Arts and Sciences

FACULTY

FREDERICK D. KERSHNER, M. A.,
President of the University.

W. B. PARKS, A. M.,
Dean of the University; Professor of Physics and Chemistry.

CLINTON LOCKHART, Ph. D., LL. D.,
Professor of Greek and Hebrew.

JAMES B. ESKRIDGE, A. M., Ph. D.,
Professor of Latin.

EGBERT R. COCKRELL, A. M., LL. M.,
Professor of History and Political Science.

*ELLSWORTH E. FARIS, A. M.,
Professor of Philosophy.

CHARLES I. ALEXANDER, A. B., B. S.,
Professor of Mathematics.

JOHN W. KINSEY, A. B.,
Professor of Education.

W. I. BIRGE, A. M.,
Professor of Biology and Geology.

O. L. LYON, A. M., Ph. D.,
Professor of English Language and Literature.

H. F. PAGE, A. M.,
Assistant Professor of English.

C. A. EXLEY, A. B.,
Assistant Professor of Philosophy.

MARGARETE L. SARGENT,
Professor of Modern Languages.

ITS RELATION TO THE UNIVERSITY

The College of Arts and Sciences is the central college of the University. From the Academy (and the High Schools) it differs in methods and in grade of work, since it deals with more advanced students; but, like them, it aims at the development of the whole nature of the student, at the enlargement of his capacity, at stimulation of his intellectual and spiritual growth. From all the other colleges and schools of the University it is to be distinguished, inasmuch as they aim at more or less of specialization. To students who have such work in mind, the College of Arts and Sciences offers general training as a foundation for their special work. To students who have no such purpose of specialization it offers general culture and a liberal education.

ENTRANCE REQUIREMENTS

Students holding graduating diplomas from the Academy of Texas Christian University, or from approved Colleges and High Schools, are admitted to the College of Arts and Sciences without examination. Students coming from approved Colleges or High Schools must present statements of their work, made out by the proper authorities on our official blank which may be obtained from our Registrar on request. All other students must give satisfactory evidence that they have completed work equal in amount and value to the course prescribed in the Academy, or pass in the entrance examinations. In all cases, if a student, after being permitted to enter a college class in any department, fails to demonstrate his ability to carry the course with satisfaction to the professor in charge, he may be required to enter the Academy and prepare himself for pursuing the course with advantage.

Students entering for the first time will furnish to the chairman of the Classification Committee evidence of good moral character and of class standing from latest instructors. Those bringing certificates or diplomas from correlated or affiliated schools will be classified without examination; others will be examined. After classification the student will be registered at

the Registrar's office and upon the payment of all fees will be given a matriculation card which serves as evidence of membership in the University. Registration being once completed, change of same will be permitted only with consent of the Dean and on the payment of a fee of one dollar for each instance of change. In case changes are necessitated by the University, no fee will be charged.

ORDER OF PROCEDURE

1st. Presentation of credentials to chairman of Classification Committee.

2nd. Classification; (a) By examination; (b) By certificate or diplomas from correlated or affiliated schools. Our blanks (to be obtained from Registrar) must be filled out and signed by proper authorities.

3rd. Registration and matriculation completed at Registrar's office.

ENTRANCE EXAMINATIONS

Fourteen units are required for admission to Freshman standing. A unit course of study, as here used, means a course that covers a school year of at least thirty-five weeks, with five recitations per week of not less than forty-five minutes each.

Examinations may be required on the following branches:

English	3 units
Mathematics	3 units
History and Civics	3 units
Foreign Languages	3 units
Sciences	2 units

The question of accepting substitutes for any branches here required must be submitted to the Committee on Classification before date of examinations.

The following descriptive lists will be suggestive of the scope of entrance examinations:

Mathematics.—1. Beginning Algebra, covering an elementary treatment of the subject; 1 unit.

2. Advanced Algebra, through Logarithms, Progressions and the Binomial Formula; 1 unit.

3. Plane Geometry, including simple original exercises and problems; 1 unit.

History and Civics.—1. Ancient History, such a course as that given in Myers' Ancient History; 1 unit.

2. Modern History, a course equivalent to that in Myers' Mediaeval and Modern History; 1 unit.

3. History of England (or some other leading nation of Europe); 1 unit.

4. Civil Government, including the elements of federal and state government; $\frac{1}{2}$ unit. American History; $\frac{1}{2}$ unit.

English.—1. Grammar, the principles of the language as given in any good text, with ability to write sentences with good grammar and spelling; 1 unit.

2. Rhetoric and Composition, as presented in standard works on the subject, such as Scott and Denny, Lockwood and Emerson, or Markley. An original theme may be assigned to test style, diction, paragraphing and accuracy of expression; 1 unit.

3. English and American Literature. History of the leading authors, their periods and productions, such as given in Simonds, Halleck, or Pattie and Newcomer. See reading required in the Academy of this University; 1 unit.

Latin.—1. Elements of Latin Grammar, simple exercises in prose composition, translation of Latin sentences such as those in Hale's First Year in Latin; 1 unit.

2. Second Year Latin, Caesar's Gallic Wars, with more advanced composition and tests in grammar; 1 unit.

3. Readings in Sallust's Catiline and Caesar's Civil Wars, with tests of grammar and etymology; 1 unit.

Greek.—1. Translation and composition of simple sentences with the elements of Greek grammar. Xenophon's Anabasis, at least twenty pages; 1 unit.

2. Xenophon's Anabasis continued, seventy-five to one hundred and twenty pages, or other Attic prose of equivalent amount. Translations, questions of grammatical forms and constructions; 1 unit.

German.—1. Elementary grammar, including the conjugation of weak and more usual strong verbs; declension of articles, adjectives, pronouns and nouns commonly used; model auxiliaries

and commoner usages of syntax; 1 unit.

2. Reading of two hundred pages of simple prose and ability to read at sight easy prose; translation into German of simple English sentences or easy connected prose. Pronunciation with accuracy is desired and ability to understand simple derivation in German; 1 unit.

French.—1 and 2. Work similar to that in German above, except that about four hundred pages of reading are required; 1 or 2 units.

Sciences.—Physiography.—Half a year's work, covering all the leading features of the subject; $\frac{1}{2}$ unit.

Physics.—Work must cover recitation and class-room demonstration, as covered by such a text as Carhart and Chute's High School Physics, or Gage's Elementary Physics. Also, individual laboratory work comprising forty exercises selected from such books as Adam's, or Chute's Manual; 1 unit.

TIME OF EXAMINATIONS

In all branches covered by the Summer School, examinations can be had at the close of the Summer Term. Examinations on all branches will be offered at the University during the last week in May, or on Wednesday of the first week of the Fall Term.

CLASSIFICATION OF COLLEGE STUDENTS

To have full Freshman standing, the student must offer 14 entrance units, $12\frac{1}{2}$ of which are prescribed; such student shall continue to be ranked a Freshman until he shall have completed 50 credits of required College work.

The student who offers all of the prescribed work, excepting foreign language, and an amount sufficient to raise the number of units to 14 may be ranked an irregular Freshman.

A student may be ranked a conditioned Freshman if he offers not less than 10 of the $12\frac{1}{2}$ prescribed units and an additional amount sufficient to raise the number of units to 12; such student shall not be entitled to vote in his class, and arrangements must be made to remove the conditions without delay.

To have Sophomore standing all work of Freshman shall have

been completed; such ranking shall hold until all required work of Freshman and Sophomore classes or ranking shall have been completed and an additional amount sufficient to aggregate 100 credits.

To have Junior standing all work required of Sophomores shall have been completed; this ranking shall hold until 150 credits shall have been completed.

To have Senior standing all work required of Juniors shall have been completed; this ranking shall hold until graduation.

A student may be advanced from one class to another of the foregoing classes at the end of any term.

Undergraduate students whose work does not fall under one of the foregoing groups are ranked as unclassified students.

To have graduate standing all work required for the bachelor's degree shall have been completed.

REQUIREMENTS FOR GRADUATION

In prescribing the requirements for graduation, the Faculty accepts the idea of an elective system, but imposes certain modifications in order that the interests of the students and of the institution alike may be safeguarded.

The requirements for graduation may be presented best in sections:

FIRST.—Each student is required to take the following courses:

Mathematics—Courses 1, 2 and 5.

Chemistry—Course 1.

English—Courses 8, 9, 10, 15 and 16.

History—One year.

Foreign Languages—Either Ancient or Modern; one year of continuous work (not the first year in any case).

Philosophy—Courses 1, 3 and 4.

English Bible—Either Old or New Testament History complete.

Biology—One year.

From the courses of the College of the Bible, Christian Evidences, or some satisfactory equivalent.

SECOND.—Each student is required to elect by the end of his Sophomore year a "major department." Then, in consultation

with the head of the major department, he shall elect a "minor department." The heads of these two departments shall form an advisory committee for the student during the remaining years of his course.

In his major department the student shall take each term at least one study, but not more than two. His total of credits in this department shall equal at least forty-eight, at most, sixty.

In his minor department the student shall take a minimum of one branch per term during at least three out of four years of college work. (The three years need not be continuous). His total credits in this department shall equal at least thirty-six, at most forty-five.

THIRD.—Each student is required to make before graduation a total of two hundred credits.

(By the term credit is meant one hour of recitation or three hours of laboratory work per week for one term).

FOURTH.—Additional credits may be imposed upon candidates for graduation as a penalty for improper conduct. No student may be graduated who is guilty of any gross offense, or who fails to make a satisfactory adjustment of his financial account with the institution.

FIFTH.—The degree of Master of Arts will not be conferred upon any candidate whose grade in his work for the Master's degree falls below an average of B in any subject.

GRADUATE WORK

Texas Christian University has at present no organized school for graduate work. Provision is made, however, for such students as, after receiving the A. B. degree, wish to take another year of literary work. On a student's completion of a year (forty-five credits) of resident work the University will confer on him the degree of Master of Arts. It is stipulated, however, that such work must be made up of Junior and Senior College Courses, and that whatever supplementary work may be imposed in any case, in order that the course may be entitled to graduate credit, must also be satisfactorily completed. Also, an approved thesis will be required before the candidate is accepted for graduation; this thesis must be handed in before May 1st.

ELECTIVES FROM THE COLLEGE OF THE BIBLE

Candidates for the degree of A. B. are permitted to elect as many as forty-five credits from the studies offered in the College of the Bible, to be selected from the following: Hebrew, New Testament Greek, Later Jewish History, Church History, Old Testament History, New Testament History, Essentials of Christianity, Old Testament Introduction, New Testament Introduction, Messianic Prophecy, Textual Criticism of the New Testament, Philosophy of Religion, Law of Moses, Monuments and the Bible, and Literature of the Old Testament. In case Hebrew is elected as part of the "foreign language" study in the course leading to A. B. it will be deemed a regular branch in the College of Arts.

Candidates for the degree of A. M. are permitted to elect as many as twenty credits from any studies in the foregoing list, except the first year in Hebrew; but no studies used in the course for Bachelor of Arts may be recounted for Master of Arts.

COURSES OF INSTRUCTION

DEPARTMENT OF GREEK

PROFESSOR LOCKHART

1. *Elementary Greek (twelve credits).* Year, 4 hours.

The accomplished student of the Greek language will have (1) a working vocabulary of the language; (2) a knowledge of its grammatical principles; (3) an ability to use this vocabulary and apply these principles, whether for a literary or an exegetical purpose. To make as large a beginning as possible toward these ends, in the simplest and briefest form consistent with thoroughness, and yet to secure a complete introduction to Attic Greek, is the object of this course.

2. *Composition and Reading (four credits).* Fall, 4 hours.

Further selections from the Anabasis, with sight translations daily; prose composition, with a review of the most important principles of Syntax.

3. *Reading Course (four credits).* Winter, 4 hours.

Goodwin and White's Selections from Xenophon and Herodotus, consideration of dialects, word study and Syntax.

4. *Composition and Style (four credits).* Spring, 4 hours.

Plato. The Apology and Crito, with word study, style and form, analysis and discussion.

5. *Homer's Iliad or Odyssey (four credits).* Fall, 4 hours.

Three books are translated. Special attention is given to scansion, mythology, and the manner of life in the Homeric age.

6. *Greek Oratory (four credits).* Winter, 4 hours.

(Introduction to Greek Oratory). Jebb's Selections from Attic Orators.

7. *Greek Oratory (four credits).* Spring, 4 hours.

Demosthenes. On the Crown. Word study, style analysis and discussion.

8. *Greek Tragedy (three credits).* Fall, 3 hours.
Sophocles, Aeschylus, Euripides, study of the Greek theater, presentation of the drama and of prosody.
9. *Aristotle (three credits).* Winter, 3 hours.
Constitution of Athens and Nichomachian Ethics.
10. *Later Greek (three credits).* Spring, 3 hours.
Passages from Plutarch and Lucian.

DEPARTMENT OF LATIN

PROFESSOR ESKRIDGE

1. *Reading Course (four credits).* Fall, 4 hours.
Ovid. Selections from Ovid. His influence on modern literature, with an introduction to classical mythology. Or Virgil's Aeneid, Books I-V. Rapid review of forms, together with prose composition and prosody.
2. *Reading Course (four credits).* Winter, 4 hours.
Cicero. Orations Against Catiline, Sallust's Catiline, or Jugurtha. Tacitus Annales, or Germania et Agricola. Livy, Book I. Introduction to the Syntax of the Latin verb, by lectures and recitations.
3. *Reading Course (four credits).* Spring, 4 hours.
Cicero. De Senectute, or De Amicitia. The relation of these works to other writings of Cicero will be noticed. Or Cicero's Letters, Abbott's Selections, or Martial and Pliny; Selected Epigrams and Letters. Private life among the Romans. Further study of the Latin verb, together with a critical study of the growth and development of the Subjunctive mood.
4. *Reading Course (four credits).* Fall, 4 hours.
Horace. Odes and Epodes. Or Catullus. Latin versification; memorizing of selections.
5. *Roman Satire (four credits).* Winter, 4 hours.
Horace, Books I-II, or Juvenal; Selected Satires of Persius will be read by the instructor as occasion may demand. Attention will be given to the origin and development of Satire. Syntax by lecture and recitation.

6. *Roman Comedies (four credits).* Spring, 4 hours.

Captives and Trinummus of Plautus, followed by some play from Terence. A comparative study of these authors, from both the morphological and the literary sides. Manners and customs among the Romans, by lectures and recitations. The versification of Plautus and Terence.

7. *Rhetorical Treatises (four credits).* Fall, 4 hours.

Horace, *Ars Poetica*; Cicero, *De Oratore*, or *Brutus*, or *Quintilian*, Book X, or *Tacitus*, *Dialogus de Oratoribus*. Elementary principles of literary criticism; the debt of these writers to Greek sources.

8. *Roman Philosophy (four credits).* Winter, 4 hours.

Lucretius, *De Rerum Natura*; or Cicero *De Natura Deorum*, or *De Finibus* and *Tusculanae*, or Seneca, selections. The place of Roman Philosophy in the history of Philosophy.

9. *Allen's Fragments of Early Latin (four credits).*

Spring, 4 hours.

Merry's *Fragments of Roman Poetry*. Egbert's *Latin Inscriptions*.

An additional year's course for work leading to the degree of Master of Arts will be arranged to meet the student's requirements.

DEPARTMENT OF MODERN LANGUAGES

PROFESSOR SARGENT

GERMAN

1. *Elementary German (twelve credits).*

Fall, Winter and Spring, 4 hours.

Essentials of German by Vos, Glueck Auf by Mueller und Wenkebach; Bacon's *Im Vaterland*.

2. *Second Year German (twelve credits).*

Fall, Winter and Spring, 4 hours.

Continuation of German Grammar; Collar's *Shorter German*; Eysenbach; Storm's *Immensee*; Schiller's *Wilhelm Tell*, and

about one hundred pages of supplementary reading.

3. *Third Year German (nine credits).*

Fall, Winter and Spring, 3 hours.

Bernhard's Deutsche Litteraturgeschichte; Analytical Study of Schiller's Lied von der Glocke, Lessing's Minna von Barnhelm, Goethe's Hermann und Dorothea.

FRENCH

1. *Elementary French (twelve credits).*

Fall, Winter and Spring, 4 hours.

Chardenal's Complete French Course; Brooks, Snow and Lebon's Easy French; Anecdotes Faciles; Carter's French Word-Lists; Voyage de M. Perrichon.

2. *Second Year French (twelve credits).*

Fall, Winter and Spring, 4 hours.

Continuation of French Grammar; Halevy's L'Abbe Constantin; Feuillet's Le Roman d'un Jeune Homme Parvue.

3. *Third Year French (nine credits).*

Fall, Winter and Spring, 3 hours.

French Syntax and Composition by Vreeland and Koren; Blouet's Class Book of French Composition; Souvestre, Un Philosophe Sous Les Toits, and other gems of French literature.

SPANISH

1. *Elementary Spanish (fifteen credits).*

Fall, Winter and Spring, 5 hours.

Grammar, pronunciation, written exercises, oral drill. Traub's Spanish Verb; Worman's First Spanish Book; Worman's Second Spanish Book; Lengua Castellana, by Marion, and Des Garennes. Lecciones DeLenguape Español Ingles. Cuentos Castellanos, by Carter and Malloy. Calderon's La Vida es Sueño. Alarcon's El Capitan Veneno. Witten and oral exercises.

2. *Advanced Spanish (twelve credits).*

Fall, Winter and Spring, 4 hours.

The following courses in the Spanish novel of the nine-

- teenth century will be offered: Galdos' *Marianela*, *Dona Perfecta*; Alarcon, *El Sombrero de Tres Picos*; Valdes' *El Capitan*, Ribot, José. Collateral reading; Valera, *El Comendador Mendoza*, *Pepita Jiminez*. Spanish Compositions. Ramsey's Spanish Grammar. History of Spanish literature.
3. *Modern Spanish Drama (nine credits)*.

Fall, Winter and Spring, 3 hours.

Study and interpretation of the masterpieces of the modern Spanish drama. Works of Lopez de Ayala, Echegaray, Tamayo y Baus, Nunez de Arces, Moratin, etc.

DEPARTMENT OF ENGLISH

PROFESSOR LYON

ASSISTANT PROFESSOR PAGE

1. *Anglo-Saxon (three credits)*. Fall, 3 hours.
Grammar and simple exercises in modernization. Professor Page.
2. *Anglo-Saxon II (three credits)*. Winter, 3 hours.
Selected readings both in prose and in verse. Professor Page.
3. *Middle English (three credits)*. Spring, 3 hours.
Selected readings, prose and verse. Relation of Middle English and Anglo-Saxon considered; dialectical peculiarities discussed. Pre-requisite, Anglo-Saxon. Professor Page.
4. *Chaucer (three credits)*. Fall, 3 hours.
Selections from his chief poems, especially the *Canterbury Tales*. Discussion of the art, life and times of the poet. Professor Lyon.
- 5, 6, 7. *Advanced Etymology (six credits)*. Year, 2 hours.
This is invaluable to the English student who desires to enlarge his vocabulary, and to see the origin and development of his mother tongue. Professor Lyon.
- 8, 9, 10. *Rhetoric (nine credits)*. Year, 3 hours.
Since the ability to say just the right thing in the right way is the most practical result of education, the art of

composition will receive more emphasis than the science of Rhetoric. The laws of Rhetoric after being thoroughly mastered will be applied weekly to standard prose and poetic selections. Themes at least weekly, and sometimes daily. Special attention given to Narration, Description, Exposition, Argumentation, Style, Diction, and Figures of Speech. Prerequisite, High School English three years. Required. Professor Page.

11, 12. *American Literature (six credits).*

Fall and Winter, 3 hours.

This course is devoted to a careful study of the works of the leading American poets and prose writers. The universal principles of Literature are applied in the study of poems. The relation of American to English and the world's literature is brought out. Carefully prepared notebooks required in all courses in literature. Professor Lyon.

13. *Literary Criticism (three credits).*

Spring, 3 hours.

This is a study in the constructive principles of criticism. These universal standards are to literature what the categories are to philosophy. The aim is: (1) to see clearly why writings take rank and are considered as real literature; (2) to cultivate a taste for genuine literature. Critical application of these principles to American and English Literature. Professor Lyon.

14. *The Short Story (three credits).*

Fall, 3 hours.

The technique of short story writing. Themes required regularly. Assigned readings in the masters of the short story. Professor Page.

15, 16. *English Literature (six credits).*

Winter and Spring, 3 hours.

A survey of English Literature with a study of representative selections from the epic, the lyric, the drama, the essay, and the novel. Theses on topics connected with the literature read, giving the student opportunity to apply the fundamental principles of composition to essay writing. Required. Professor Page.

- 17, 18. *Tennyson and Browning* (six credits).

Winter and Spring, 3 hours.

Critical study of the poems of each author to reflect his ideals, characteristics, and philosophy of life. The relation of the authors to the life and literature of the Victorian Period. A careful study of Browning's peculiar philosophy. Professor Lyon.

- 19, 20, 21. *Shakespeare* (nine credits). Year, 3 hours.

Critical study of a number of the leading plays. A less intensive study of the remainder of his plays, along with a careful working out of Moulton's Moral System of Shakespeare. Some attention will be given to the origin and development of the drama. Critical papers. Professor Lyon.

22. *Poetics* (three credits). Fall, 3 hours.

A critical study of lyric poetry from the standpoint of occasion, theme and mood. The origin and development of English verse forms chronologically considered. Regular exercises in analysis and criticism. Professor Page.

- 23, 24. *Modern English Drama* (six credits).

Winter and Spring, 3 hours.

The closet drama of Tennyson, Browning, and Swinburne. The principal plays of Ibsen, Jones, Pinero, Shaw and the writers of the Irish School. Professor Page.

- 25, 26. *Seminar* (six credits). Fall and Winter, 3 hours.

This is a course in research work. Such literary problems are studied as the origin and development of the novel, the drama, the epic, the essay, the elegy, romanticism. The student may pursue research work in any advanced phase of literary study. Papers read before the class for critical discussion. Open to advanced students only. Professor Lyon.

27. *English Poets of the Nineteenth Century* (three credits).

Spring, 3 hours.

Page's Anthology is used. Critical analysis of poems. Collateral reading and written reports required. Professor Lyon.

28. *Milton and His Age* (three credits). Fall, 3 hours.

The greater poems of Milton will be read, with such se-

lections from other authors of the period as throw light upon the struggle between Puritan and Cavalier. Professor Page.

29. *The English Novel (six credits).*

Winter and Spring, 3 hours.

Lectures on the development of the novel accompanied by a study of the representative novelists. Professor Page.

DEPARTMENT OF HISTORY, SOCIAL AND POLITICAL SCIENCE

PROFESSOR COCKRELL

HISTORY

1. (a) *History of England (six credits).*

Fall and Winter, 3 hours.

(b) *Government of England (three credits)*

Spring, 3 hours.

2. *History of Greece (three credits).*

Fall, 3 hours.

3. *History of Rome (six credits).*

Winter and Spring, 3 hours.

4. *History of the Middle Ages (three credits).*

Fall, 3 hours.

5. *History of Modern Europe (six credits).*

Winter and Spring, 3 hours.

6. *History of the United States (nine credits).*

Fall, Winter and Spring, 3 hours.

ECONOMICS

7. *Economics (six credits).*

Fall and Winter, 3 hours.

SOCIOLOGY

8. *Sociology (three credits).*

Spring, 3 hours.

PUBLIC LAW

9. *American Government (three credits).*

Fall, 3 hours.

10. *Political Science and Comparative Constitutional Law (six credits).*

Winter and Spring, 3 hours.

11. *International Law (three credits).*

Fall, 3 hours.

12. *American Diplomacy (three credits).*

Winter, 3 hours.

ADVANCED ECONOMIC AND SOCIAL STUDIES

- | | |
|---------------------------------------------|------------------|
| 13. <i>The Trust Problem (two credits).</i> | Fall, 2 hours. |
| 14. <i>Labor Problems (two credits).</i> | Winter, 2 hours. |
| 15. <i>City Problems (two credits).</i> | Spring, 2 hours. |

DEPARTMENT OF PHILOSOPHY

PROFESSOR EXLEY

- | | |
|------------------------------------------------------------------------------------------------|------------------|
| 1. <i>Elementary Psychology (four credits).</i> | Fall, 4 hours. |
| An introduction to the structural and functional aspects of human behavior. | |
| 3. <i>Elementary Logic (four credits).</i> | Winter, 4 hours. |
| An introduction to the formal and functional aspects of reasoning. | |
| 4. <i>Elementary Ethics (four credits).</i> | Spring, 4 hours. |
| An introduction to the history, theory and practice of moral conduct. | |
| 5. <i>History of Philosophy (four credits).</i> | Fall, 4 hours. |
| An introduction to the philosophical problems from primitive times to the middle ages. | |
| 6. <i>History of Philosophy (four credits).</i> | Winter, 4 hours. |
| An introduction to the philosophical problems from the middle ages to the enlightenment. | |
| 7. <i>History of Philosophy (four credits).</i> | Spring, 4 hours. |
| An introduction to the philosophical problems from the enlightenment to the twentieth century. | |
| 8. <i>Social Psychology (four credits).</i> | Fall, 4 hours. |
| A critical study of the nature and development of the psychic processes of the group. | |
| 9. <i>Advanced Psychology (four credits).</i> | Winter, 4 hours. |
| A critical consideration of the methods and problems of psychology. | |
| 10. <i>Advanced Psychology (four credits).</i> | Spring, 4 hours. |
| A continuation of Course 9. | |
| 11. <i>Problems of Philosophy (four credits).</i> | Fall, 4 hours. |
| A critical and systematic consideration of the persistent problems of philosophy. | |

12. *Philosophy of Religion (four credits)*. Winter, 4 hours.
A philosophical interpretation of the beliefs, concepts and dogmas which are distinctive of the religious attitude.
13. *Philosophy of Religion (four credits)*. Spring, 4 hours.
A continuation of Course 12.
14. *Plato (four credits)*.
Source study, lectures and a thesis. Not given in 1912.
15. *Descartes, Locke and Hume (four credits)*.
Source study, lectures and a thesis. Not given in 1913.
16. *Kant (four credits)*.
Source study, lectures and a thesis. Not given in 1913.

DEPARTMENT OF MATHEMATICS

PROFESSOR ALEXANDER

1. *Solid Geometry (five credits)*. Fall, 5 hours.
Preparation for this class includes a thorough knowledge of Algebra at least through quadratic equations, and a mastery of Plane Geometry. The methods of Plane Geometry are continued; original work is emphasized, very few, if any, of the exercises of the text being omitted. Analogies between Solid and Plane Geometry are noticed. Required of all students.
2. *Plane Trigonometry (five credits)*. Winter, 5 hours.
This course consists of a study of the trigonometric functions and anti-functions, together with a large number of formulas dealing with their relations; the solution of the right and oblique triangle, and construction of logarithmic tables. Practical problems of considerable number and variety are solved. Required of all students.
3. *Surveying (five credits)*. Spring, 5 hours.
All ordinary problems of the practical surveyor, including land surveying, triangulation, topographic and profile leveling, city surveying, etc., are given careful study. A liberal amount of field practice with a good surveyor's transit is required.

4. *Spherical Trigonometry (two credits).* Fall, 2 hours.

Right and oblique spherical triangles are solved. Practical application is made to the celestial sphere, a considerable number of astronomical problems being worked out.

5. *College Algebra (four credits).* Spring, 4 hours.

A course intended for those desiring a more extended knowledge of Algebra than is usually obtainable in the high school, covering such subjects as permutations and combinations, theory of equations, determinants, complex numbers, partial and continued fractions. Required of all students.

6. *Plane and Solid Co-ordinate Geometry (twelve credits).*

Fall, Winter and Spring, 4 hours.

The work in this course consists of a thorough discussion of the relation of the equation to the locus; translation of geometric conditions into algebraic terms. Conic sections and other curves are studied by means of both Cartesian and polar co-ordinates. Prerequisites, Courses 1, 2 and 5.

7. *Descriptive Geometry (four credits).*

Fall and Winter, 2 hours.

Orthographic projection. Intersection of planes and solids, intersection of solids, and development of solids. This course is designed to meet the needs of those desiring to do technical work along Mathematical lines. Prerequisites, Courses 1 and 6. Offered in alternate years.

8. *Astronomy (three credits).* Winter, 3 hours.

This course is largely descriptive, intended primarily as a culture course. A few practical problems, elementary in character, requiring a knowledge of Courses 2 and 4, are solved.

9. *History of Mathematics (three credits).* Spring, 3 hours.

To appreciate any subject, something of its history must be known. This course attempts, in a brief way, to trace the development of the science of Mathematics through the centuries down to the present time, showing that while it is the most highly developed and exact of all the sciences, still it is not the stale, dead thing that it is commonly sup-

posed to be, but is a living, growing science, vitally connected with the progress and development of these modern times. Offered in alternate years.

10. (a) *Differential Calculus* (eight credits).

Fall and Winter, 4 hours.

No subject in the college curriculum gives one a greater appreciation of the logical beauty and vigor and the practical utility of a mathematical course than does the calculus. In this course a large number of formulas for differentiation are developed and these applied to the solution of a great variety of problems.

(b) *Integral Calculus* (four credits). Spring, 4 hours.

A continuation of Course 10 (a). The integral is studied from the twofold standpoint of anti-differentiation and the process of summation. After developing standard forms of integration, attention is given to problem-solving, a large number, which are encountered in the studies of physics and mechanics, being chosen.

11. *Theoretical Mechanics* (nine credits).

Fall, Winter and Spring, 3 hours.

This course, aside from its own practical value, is intended to reinforce the knowledge obtained from the courses in Calculus. It may be taken by Seniors or candidates for the degree of Master of Arts, who have had Course 10 (a) and 10 (b). Offered alternate years.

DEPARTMENT OF CHEMISTRY AND PHYSICS

DEAN PARKS

1. *General Inorganic Chemistry* (twelve credits). When taken in Junior or Senior years, nine credits. Fall, 3 hours recitation and 4 hours of laboratory work.

(a) A study of the non-metals by text-book, lectures and laboratory work.

(b) A study of the metals. Recitation, lectures and laboratory work. Texts as above. Winter, 3 hours of recita-

tion and 4 hours of laboratory work.

(c) A course supplementary to (a) and (b). Texts as above. Spring, 3 hours of recitation and 4 hours of laboratory work.

The aim of Course 1 will be to give a definite idea of the basic principles of Chemistry, and not only to lay the foundation of a broader and deeper knowledge of the subject, but also to supply that which is needed by all wishing to secure a liberal education.

2. *Qualitative Analysis (six credits).*

Fall, 1 hour of recitation and 6 hours of laboratory work.

(a) Lectures and recitations accompanying the work in the laboratory. The work begins with the study of the department of re-agents, is followed by the separation of the simpler bases into groups and ends with the separation of acids. Prerequisite, Course 1.

(b) *Advanced Qualitative Analysis.* Winter, 9 hours of laboratory work.

Mainly laboratory work in systematic analysis with occasional lectures and recitations.

3. *Advanced Inorganic Chemistry (four credits).*

Fall, 4 hours of recitation.

This course consists of a more advanced study of inorganic chemistry. Such subjects as the periodic law dissociation theory and other modern views will receive emphasis.

4. *Quantitative Analysis (nine credits).* Fall, 1 hour of recitation and 6 hours laboratory work.

(a) Chiefly laboratory work in gravimetric and volumetric analysis. Prerequisite, Course 1.

(b) *Advanced Quantitative Analysis.*

Winter, 9 hours of laboratory work.

A continuation of Course 4, dealing more particularly with gravimetric analysis.

(c) *Advanced Quantitative Analysis.*

Spring, 9 hours of laboratory work.

A continuation of Course 4, dealing with special volumetric methods,

5. *Organic Chemistry (three credits).*

Spring, 3 hours of recitation.

A consideration of the principles of Organic Chemistry, dealing with the more important hydrocarbon compounds. Prerequisite, Course 1.

6. *Physical Chemistry (two credits).*

Fall, 2 hours of recitation.

This course deals with such topics as the atomic theory, the periodic law, methods of molecular determination, and electrolytic dissociation. Prerequisites, Physics 1 and Chemistry 4.

7. *History of Chemistry (two credits).*

Spring, 2 hours.

A course tracing the rise and development of modern Chemistry. Prerequisite, Course 1.

8. *Special Methods in Quantitative Analysis (three or six credits).*

Fall, Winter or Spring, 9 or 18 hours laboratory work.

Each student in Chemistry is required to make a deposit of \$5.00 to cover breakage. At the end of the year this deposit, less the amount of breakage, will be refunded.

Laboratory fee in each of the foregoing courses, except Course 7, is \$5.00 per term.

II.—PHYSICS

1. *General Physics (twelve credits).*

Fall, 4 hours.

(a) A course in which are presented largely from the experimental standpoint the most important principles involved in the study of mechanics and heat. The instruction is given by means of text-books and lectures, fully illustrated by class-room experiments, and supplemented by recitations and written examinations. Open to those who have had Elementary Physics and Trigonometry.

(b)

Winter, 4 hours.

A continuation of the above course treating of magnetism and electricity.

(c)

Spring, 4 hours.

A continuation of the above course dealing with sound and light,

2. *Laboratory Physics (four credits).*

Winter and Spring, 4 hours of laboratory work.

Experiments in different branches of the subject, selected from leading manuals. The student is required to keep a permanent record of all work done. Prerequisite, Course 1. Two hours in the laboratory are equivalent to one of recitation.

3. *The Dynamo (three credits).*

Winter, 3 hours.

History, theory and design of dynamos and motors. Prerequisite, Course 2.

4. *Spectroscopy (two credits).*

Spring, 6 hours laboratory work.

A study of the theory and practice of spectrum analysis, with a comparison of various spectra. Laboratory reference book, Stewart and Gee.

A laboratory fee of \$3.00 is charged for each of the foregoing courses per term.

DEPARTMENT OF BIOLOGY AND GEOLOGY

PROFESSOR BIRGE

A.—BOTANY

1. *Elementary Botany (twelve credits).*

The object of this course is to give the student a general knowledge of the various groups of the Plant Kingdom. It is intended primarily for beginners and for those who wish to get a comprehensive view of the subject. The work will involve a knowledge of the cells, tissues, tissue systems, the relationship of the different groups of plants, and the most important physiological processes of plants.

Fall Term: Algae and Fungi.

Winter Term: Liverworts, Mosses and Ferns.

Spring Term: Gymnosperms and Angiosperms.

Two lectures and four hours laboratory each week. Field trips,

2. *General Morphology, Histology, and Cytology of Vascular Plants (twelve credits)*. Two lectures and four laboratory hours per week. Fall, Winter, Spring, 4 hours.
 3. *Classification and Distribution of Flowering Plants*, with special reference to the Flora of Texas and the Southwest. (*Nine credits*). Lectures two hours (at the pleasure of the instructor) and laboratory four hours per week. Fall, Winter, Spring, 3 hours.
 4. *Bacteriology (four credits)*. Spring, 2 hours. Laboratory, 2-4 hours.
- A general introduction to the subject with emphasis on general rather than special work.

B.—ZOOLOGY

1. *General Zoology (twelve credits)*. Fall, Winter and Spring, 4 hours.
In this course particular emphasis is placed on Invertebrate Zoology. In addition to the anatomy of the adult forms of animal life, such general subjects as the geographic distribution of animals, practical economic relations, heredity, variation, selection, and the classification of animals will be considered.
2. *Histology and Embryology (twelve credits)*. Fall, Winter, Spring. Lectures two hours, laboratory four hours per week.

C.—GEOLOGY

- The work offered in Geology extends through the session of three terms, three hours per week in recitation and two hours per week in laboratory, library or field. The lantern will be used freely in the lecture room. A careful study of the first chapter of Genesis will be required in connection with the regular class work. Especial attention will be given to the study of the development of the North American continent.
1. (a) *General Geology (twelve credits)*. Fall, Winter, Spring, 3 hours. Laboratory, 2 hours.

Lectures, recitations and field work, covering the entire work offered by preparatory texts.

(b) *Dynamic and Structural Geology (twelve credits)*.

Fall, Winter, Spring, 3 hours. Laboratory, 2 hours.

Especial study given to atmosphere, aqueous, igneous, and organic agencies; stratification, metamorphism, denudation, and mountain structure.

(c) *Historical Geology (three credits)*. Spring, 3 hours.

Covering the Archean, Paleozoic, Mesozoic, Cenozoic and Phychozoic eras. Especial attention given to comparative life forms in fossil remains leading to a discussion of the evolution of life on the globe. In this connection a study of certain sacred literature is offered.

2. *Anthropology (four credits)*. Spring, 4 hours.

This course is offered to Seniors who have had Geology 1, and Zoology 1.

DEPARTMENT OF EDUCATION

PROFESSOR KINSEY

TEACHERS' CERTIFICATES

Since Texas Christian University is ranked as one of the institutions of the first class in Texas, we wish to call the attention of teachers and others who wish to prepare themselves for teaching to the opportunity offered by the present certificate law.

All persons completing four full courses in the College of Arts and Sciences and one full course in education and pedagogy are thereby entitled to a first grade State Certificate, valid for a period of four years. Persons completing the courses leading to the A. B. degree or any equivalent bachelor's degree, or some higher academic degree, including in these courses four full courses in education and pedagogy are entitled to the permanent State Certificate.

The permanent State Certificate may also be received by any person who has taught in Texas for a period of at least three

years and has received an academic degree from Texas Christian University.

FREE EMPLOYMENT BUREAU

In connection with the Department of Education is conducted a free employment bureau for the benefit of the students of Texas Christian University, and during the past few years we have not been able to supply the demand for teachers.

1. *Primary Methods (three credits).* Fall, 3 hours.

To meet the growing demand for efficient primary teachers this course is offered. In this course special attention will be given to the teaching of the various primary branches, most especially those of reading, writing, spelling, nature and number work. These subjects will be presented from the standpoint of the individual child, as well as from that of the class as a unit, and constant study will be made of Child Psychology in presenting these subjects. It is expected that considerable practice teaching and observational work will be done by those taking this course.

2. *The History of Education (nine credits).*

Fall, Winter and Spring, 3 hours.

This course will include a careful study of the various phases of ancient, medieval, and modern history of education, giving special attention to particular types and movements. It will also include a comparative study of the educational system of England, France, Germany, and America. Considerable time during the first term will be devoted to Greek and Roman education. A good text-book will be used, theses and much collateral reading required.

3. *Philosophy of Education (six credits).*

Fall and Winter, 3 hours.

This course will deal with some of the more important psychological and philosophic principles upon which our educational systems rest. Text-books will be used, lectures given, and theses required.

4. *Psychology of Education (Elementary) (six credits).*

Fall and Winter, 3 hours.

5. *School and Class Management (three credits)*

Fall, 3 hours.

It will be the purpose of this course to give special attention to basic principles and to the common problems with which every teacher should be familiar. In developing this study, many problems of every-day happenings will be treated, as well as the whole subject, from a logical and scientific standpoint. A constant study of the common school laws, especially those of Texas, will be made by all students taking this course. Collateral readings will be assigned and thesis required.

6. *Seminar (six credits).* Fall, Winter and Spring, 2 hours.

In this course will be considered many of the leading educational problems of the day, special study given to current literature by each member of the class, and investigation of educational situations of the various countries made.

7. *Psychology of Education (Advanced Course) (six credits).*

Winter and Spring, 3 hours.

This course is intended to make application of those psychological principles that bear directly upon the more important phases of the teaching processes. A suitable text-book will be used, lectures given, collateral readings, and thesis required.

8. *Methods of Teaching (three credits).* Winter, 3 hours.

The purpose of this course is to make a careful study of the methods and processes of teaching and to make special application of these to some of the common branches.

9. *Educational Sociology (three credits).* Spring, 3 hours.10. *Child Study (four credits).* Spring, 4 hours.

A study of the development of the child, the influence of environment, and many phases of the adolescent period. Lectures and collateral readings will be based, to some extent, on such works as "Warner's Study of Children," Kirkpatrick's "Fundamentals of Child Study," Oppenheim's

"Development of Children," and Hall's "Aspects of Child Life and Education."

11. *Secondary Education (three credits).* Spring, 3 hours.

The history of secondary school organization, courses of study, time allotted to the various departments of the schools of America, as well as of other leading countries, will be considered. Lectures given, collateral reading and theses required.

12. *School Supervision.*

An advanced course in school supervision will be offered during any term that the demand may justify, hours and credits to be arranged according to time devoted to and character of work done in this subject, the usual time, however, being three hours per week.

The College
of
The Bible

FACULTY

FREDERICK D. KERSHNER, M. A.,

President of the University.

Professor of the English Bible.

CLINTON LOCKHART, Ph. D., LL. D.,

Professor of Hebrew and Exegesis.

O. L. LYON, A. M., Ph. D.,

Professor of Biblical Literature.

HENRY TRUMBULL SUTTON, A. B., B. O.,

Professor of Homiletics and Church History.

C. A. EXLEY, A. B.,

Professor of Ethics and the Philosophy of Religion.

EDWARD OWERS,

Professor of Bible School Pedagogy.

INTRODUCTORY STATEMENT

The College of the Bible is designed to furnish instruction in the Sacred Scriptures and such allied subjects of study as will best equip the student for the active work of the ministry.

The minister of the Gospel should be the one man in his community most thoroughly equipped for leadership, and most entirely conversant with the needs and demands of his own age. The Christian ministry has lost its influence frequently because it has failed to enlist the sympathy of those who are most interested in the world's work, as it is being carried on today. It is not enough that the minister should know Church History and the philosophy of the Middle Ages; but he must also know the history of the twentieth century, and the problems of thought and life which are perplexing men now on the scene of action. The up-to-date minister is the only successful minister.

Two considerations, therefore, enter into the construction of a ministerial curriculum. The first is that the Bible should be taught comprehensively, thoroughly, and with absolute faith in its message as the only saving power for the world. A Bible College which does not exalt the Bible is worse than a misnomer. The student who wants to preach must, first of all, know what to preach. He must have a firm conviction that he has a positive message; otherwise men will not heed him. There is no field in the world which offers such splendid opportunities for service as the Christian ministry, but it is not a calling for the man who does not know what he believes or why he believes it.

The second consideration is that the minister must not only know the Bible, but he must know men. He must know and believe in his message, and he must also know those to whom his message applies. This demands that the minister should be in touch with the currents of present day thought and the vital interests of men of today. The smell of the cloister must not be about the preacher; but he must, on the contrary, be a man among men. When the minister knows his message and has an abounding faith in it, and when he also knows sympathetically those to whom his message must come, his work cannot but prove a successful one.

The Bible College of the Texas Christian University endeavors to supply as fully as possible the two fundamental requirements indicated above. Our courses are so arranged as to give a comprehensive and complete analysis of the Bible, and the student is also taught how to apply the Bible to the needs of today. The College offers two courses of study.

(1) A classical Course, requiring the degree of Bachelor of Arts from a creditable college of liberal arts, and leading to the degree of Bachelor of Divinity in the College of the Bible; and (2), an English course, requiring a prescribed attainment in academic studies, and leading to a diploma indicative of creditable English work in the College of the Bible. The former will signify a high rank in ministerial education, and is designed to prepare the messenger of faith for the most successful services in the church; and the latter will afford an honorable preparation for preaching the word, for teaching in Bible schools and missions, for the organization and direction of co-operative work of all kinds in the church; hence, for the manifold ministries of preachers, preachers' wives and other helpers, missionaries, Bible school and Endeavor workers, ministers' clerks and amanuenses, leaders of every form of religious music, and many other classes of men and women that desire to be useful in the Christian life. It is hoped that thus the work of the College may be thorough, yet broad and adaptable to the ever varying needs of the future church.

TERMS OF ADMISSION

To be admitted to the Classical Course, a student must have at least a Sophomore standing in the College of Liberal Arts, and must have completed the History of Israel (15 credits), Life of Christ (8), Apostolic History (4), Hermeneutics (4), English Exegesis (8), in the College of the Bible.

(By the term "credit" is meant one hour of recitation per week for one term).

To be admitted to the English Course, a student must have Freshman standing in the College of Arts and Sciences, less foreign languages and Geometry, or, otherwise, pursue delin-

quent branches in the Academy during the first year in this college. With consent of the faculty, a student may pursue selected studies for which he is prepared without regard to standing.

No applicant will be admitted if known to be wanting in Christian character, or to have a dishonorable record in another college.

GRADUATION

A candidate for the degree of Bachelor of Divinity must, in addition to entrance requirements, complete a course of 105 credits in this College, of which 39 shall be elective and 66 in the following branches: Homiletics (9), New Testament Greek (24), Hebrew (24), and Church History (9). Of credits in branches taught in this College and counted for the degree Bachelor of Arts, no more than 36 may be recounted toward the degree of Bachelor of Divinity. Of credits from this College counted for Master of Arts, 20 may be recounted for Bachelor of Divinity. In no case may more than 36 credits be recounted.

A candidate for graduation in the English Course must complete in this College the sum of 90 credits, of which 51 shall be elective and 39 in the following branches: History of Israel (15), Life of Christ (8), Hermeneutics (4), Apostolic History (4), English Exegesis (8); and in the College of Arts, Psychology and Evidence of Christianity.

COURSES OF INSTRUCTION

DEPARTMENT OF THE ENGLISH BIBLE

PRESIDENT KERSHNER

1. *Old Testament History (eight credits).*

Fall and Winter, 4 hours.

A careful study of the historical material from Genesis to II. Chronicles, with collateral studies in the history of Egypt, Babylonia, Assyria and Palestine. Lectures and text of the Bible, American Standard Edition.

2. *Later History of the Jews (four credits).*

Spring, 4 hours.

A collation of historical facts in Jewish history, beginning with the Babylonian Exile, and extending to the Fall of Jerusalem under Titus. Lectures and assigned reading.

3. *New Testament History (twelve credits).*

Fall, Winter and Spring, 4 hours.

The four Gospels studied in chronological order with lectures and assigned topics. A careful exegesis of select portions of the text in English, with emphasis on the peculiar life and teaching of Jesus.

4. *Apostolic History (twelve credits).*

Fall, Winter and Spring, 4 hours.

Historical and exegetical study of Acts of Apostles, with further history of the church to the end of the first century, gathered from the Epistles and extra-Biblical sources. Lectures and assigned reading.

DEPARTMENT OF BIBLICAL INTERPRETATION

PROFESSOR LOCKHART

PROFESSOR LYON

The following branches of work are offered to students of the English Bible, a knowledge of the Hebrew and Greek languages not being required.

1. *Hermeneutics (four credits).* Fall, 4 hours.

The fundamental principles of interpretation, with studies by the inductive method, will be presented in a text-book. Numerous passages of Scripture thoroughly illustrating the rules of interpretation will be presented in class-room discussions. Text-book: "Principles of Interpretation."

2. *Exegesis, Earlier Epistles of Paul (eight credits).*

Winter and Spring, 3 hours.

Selected Epistles from the earlier writing of the Apostle will be presented in lectures, with numerous questions to be investigated by reference to the library. Introductions to the Epistles, including the related history of the Apostle's work with the churches to which the Epistles are addressed, the date of writing, and the conditions of the churches at the time. Also a careful exegesis of the text, using the American Revised Version, as a basis of study, with occasional statements concerning the Greek text on points of doubtful interpretation.

3. *Exegesis, Later Epistles of Paul (eight credits).*

Winter and Spring, 3 hours.

Work similar to the exegesis of earlier epistles, but covering the more important epistles that belong to a later period of the Apostle's ministry.

4. *Messianic Prophecy (nine credits).*

Fall, Winter and Spring, 3 hours.

A general survey of the work of Old Testament Prophets and its bearing upon their Messianic announcements. An exegetical study of all the leading passages of the Old Testament that are usually regarded as Messianic. Each prophecy is considered in the light of the time and the conditions

under which it arose and its place in the progress of Messianic development. The relation of the prophetic messages to the development of Christianity is carefully considered.

5. *Literature of the Old Testament (twelve credits).*

Fall, Winter and Spring, 4 hours.

A study of the literary character of all parts of the Old Testament, together with a more minute study of the Psalms and the Book of Job. Given on demand. Professor Lyon.

DEPARTMENT OF HEBREW

PROFESSOR LOCKHART

1. *Beginning of Hebrew and Aramaic (twelve credits).*

Fall, Winter and Spring, 4 hours.

A thorough mastery of the first eight chapters of Genesis by the inductive method, using Harper's text-books. Reading from later chapters of Genesis and I. Samuel. A thorough study of the grammatical elements of the Hebrew language, and a familiarity with the vocabulary of the most frequently used words in the Old Testament. A course is given in the Aramaic of parts of Ezra and David.

2. *Hebrew Readings and Syntax (twelve credits).*

Fall, Winter and Spring, 4 hours.

Extensive readings in the historic and poetic books of the Old Testament, with a thorough study of Harper's Hebrew Syntax. This will include one term of careful exegetical study of the Hebrew text.

3. *Hebrew Readings in the Prophets (nine credits).*

Fall, Winter and Spring, 3 hours.

Exegetical work on the Hebrew text in Isaiah, Hosea, and Nahum, with attention to the historical conditions under which early prophecy was written, and to the textual criticism of the passages selected.

4. *Law of Moses (six credits).*

Fall and Winter, 3 hours.

Lectures on the origin, nature, codification, and meaning

of the Law, with reasons for its peculiarities and observations on its value. A comparison of the Laws of Hammurabi.

5. *Monuments and the Bible (three credits)*. Spring, 3 hours.

A study of the Assyrian, Babylonian, Egyptian and Palestinian monuments as recently discovered and translated, with their bearings on the contents of the Bible.

DEPARTMENT OF BIBLICAL GREEK

PROFESSOR LOCKHART

1. *New Testament Greek (twelve credits)*.

Fall, Winter and Spring, 4 hours.

A course preliminary to Greek Exegesis, including investigation of peculiarities of LXX. and New Testament grammar and syntax, with readings from the Septuagint and various parts of the Greek New Testament. Wescott and Hort's Greek Testament, Conybeare and Stock's selection from LXX. and Burton's Moods and Tenses, with reference to Buttman and Winer. This course must be preceded by two years of work in Classical Greek.

2. *Greek Exegesis (twelve credits)*.

Fall, Winter and Spring, 4 hours.

Rapid translation and interpretation of Paul's Epistles, followed by a special study in the Book of Romans, including analysis, word study, translation, study of moods, paraphrase and statement of the thought and argument. Must be preceded by the course above named.

3. *Hellenistic Greek (nine credits)*.

Fall, Winter and Spring, 3 hours.

Readings from the Septuagint, Apocrypha, Philo, Teaching of the Twelve, and other sources which belong to the transitory Hellenic age of Greek literature, including comparisons between the Septuagint and the Greek New Testament. Given on demand.

4. *New Testament Introduction (three credits).*

Fall, 3 hours.

A brief course including a history of the text and canon of the Greek New Testament so far as it relates to the integrity and genuineness of the books, together with special introduction to the Letters of Paul.

5. *Textual Criticism and Selected Readings (nine credits).*

Fall, Winter and Spring, 3 hours.

Methods of presentation of Gospel truth; history of Greek manuscripts, uncial and cursive.

Difficult passages selected from all parts of the Greek New Testament, involving Greek Exegesis.

Quotations from the Old Testament, involving the use of the Hebrew Bible, LXX., Latin Version, and the Greek New Testament.

DEPARTMENT OF CHRISTIAN DOCTRINE

PRESIDENT KERSHNER

PROFESSOR EXLEY

1. *Essentials of Christianity (nine credits).*

Fall, Winter and Spring, 3 hours.

A careful study of the fundamental features of the message of Christ. The Gospel as interpreted in terms of present day needs. The organization and characteristics of the New Testament Church. Lectures with Kershner's "Religion of Christ" as a guide book. Assigned collateral reading and theme work. President Kershner.

2. *Evidences of Christianity (six credits).*

Fall, Winter and Spring, 2 hours.

An examination of the claims of atheism, pantheism, and agnosticism, together with the basis of theistic belief. The claims of Christ as the Messiah of Israel and the Son of God tested by scientific principles involved in the history of his work and of the church.

3. *Philosophy of Religion (eight credits).*

Winter and Spring, 4 hours.

A philosophical interpretation of the beliefs, concepts, and dogmas which are distinctive of the religious attitude. Professor Exley.

DEPARTMENT OF CHURCH HISTORY

PROFESSOR SUTTON

1. *Early Church History (three credits).* Fall, 3 hours.

Winter, 3 hours.

History of the development of Christianity from the Apostolic days to the supremacy of the Papacy and the rise of the Monastic orders.

2. *The Period of the Reformation (three credits).*

Church history from the days of Huss to those of the Counter Reformation. Careful study of the distinctive features of the work of Luther, Calvin, Arminius and others.

3. *Modern Church History (three credits).* Spring, 3 hours.

The rise of Jansenism, the Wesleyan movement. Church history during the nineteenth century.

4. *History and Plea of the Disciples (four credits).*

Spring, 4 hours.

A course of lectures reviewing briefly the establishment and character of the leading Protestant Churches as a background and condition of the rise and progress of the Disciples. A careful statement of their principles and pleas, together with their fitness to the present age. A course of lectures with special investigation in the library.

DEPARTMENT OF HOMILETICS

PROFESSOR SUTTON

1. *Homiletics (nine credits).*

Fall, Winter and Spring, 3 hours.

A course on the preparation of sermons, including the theory of sermonic composition and criticism of sermons prepared by the student. Text-book and class drills.

2. *Church Ministries (four credits).*

Fall and Winter, 2 hours.

A course of lectures with assigned readings in the library, covering the ministries of the preacher outside of the pulpit, the conducting of various organizations and services in connection with the local church.

3. *Christian Missions (three credits).*

Fall, Winter and Spring, 1 hour.

A course of study embracing the history of missions, their success and demands. The University library will have a collection of books on missions, and these will be freely used.

DEPARTMENT OF BIBLE SCHOOL PEDAGOGY

PROFESSOR OWERS

1. *Bible School History (three credits).*

Fall, Winter and Spring, 1 hour.

This course will take up the practical bearing of the Bible School on national, commercial, social and spiritual life.

2. *Bible School Management (three credits).*

Fall, Winter and Spring, 1 hour.

This course includes the general organization of the school, department officers and teacher training, finances, etc. Text-books will be used; special lectures and demonstrations will be given.

3. *Missions (three credits).* Fall, Winter and Spring, 1 hour.

The application of the modern missionary movement to the vitalizing of the Bible School. Text-books will be used; a reading course, and special lectures given.

PREACHING AND OTHER EMPLOYMENT

Experience has abundantly proved that any training for the ministry that does not include actual touch with the public through the pulpit during the collegiate course must be seriously defective. The College, however, mindful of its own reputation, desirous of the greatest good to the churches, and seeking the best interests of the students, discourages regular employments by men who are incompetent to do creditable sermonic work; and the faculty reserves the right to withhold any student from any religious service for which he is believed to be unprepared. Churches in and around Fort Worth are numerous, and there is probably no greater opportunity for preaching by competent students anywhere than near to this University. Ministerial students that have a fair degree of instruction often prove to be most successful preachers, and by their evangelistic enthusiasm under the advice of their teachers are able to strengthen churches and convert many to the faith.

Since Monday is not a day of recitation in the University, students have time to return from places of preaching without losing work in the class-room. Those who can give evidence of ministry acceptable to the churches will do well to write to the President in advance of coming, and an effort will be made to put them in communication with congregations desiring preachers. It is confidently believed that no successful preacher will fail of employment.

Students who desire to pay part or all of their expenses by manual labor either in the college or in the city will be advised by the President concerning opportunities for employment. Many young men and women, who would be otherwise denied the privilege of collegiate education, are able in this way to advance side by side with their wealthier companions.

ACCOMMODATIONS

The buildings of the University are large and commodious, and afford pleasant rooms for students and teachers near to the College boarding hall where meals may be obtained. The Girls' Home furnishes good rooms for ladies who may attend the College of the Bible.

Goode Hall has been built for young men preparing for the ministry. It is a building in which lodging is provided at a nominal price and board at cost, subject to the approval of the Trustees. Under this arrangement expenses are very light.

The tuition fee of students of the College of the Bible for the year is \$25.00, and the matriculation fee for the year is \$12.50. Both fees are payable in advance, and no fee will be refunded. An industrious man can earn part of his expense; and thus, whatever his financial status may be, the advantages of the College are placed within his reach.

ENDOWMENT

Through the liberality of Mr. L. C. Brite of Marfa, Texas, the Bible College now has one chair, that of the English Bible, completely endowed. There ought to be a number of other chairs provided for in the same way. Owing to the low fees and meagre receipts characteristic of all work of the kind, the Bible College makes an especial appeal for endowment. There should also be a number of named scholarships for the benefit of worthy young men of limited means who may desire to prepare themselves for the ministry of the Gospel.

The College
of
Fine Arts

FACULTY

FREDERICK D. KERSHNER, M. A.

President of the University.

F. ARTHUR JOHNSON,

Director of Conservatory of Music; Pianoforte and Harmony.

HAROLD R. TECHAU,

Pianoforte.

FRANK C. AGAR,

Voice Culture.

LUCY AULT,

Violin and Pianoforte.

CLYDE BATSELL REEVES, A. B., B. O.,

Principal of School of Oratory.

DORA BROKAW COCKRELL,

Principal of School of Painting.

ORGANIZATION

The College of Fine Arts is composed of the Conservatory of Music, the School of Oratory and the School of Painting and Drawing. It is esteemed no less important to provide an art atmosphere and to impart a culture in the arts than to give instruction in literature and science. The aim should be a real and earnest education rather than a mere commercial venture. This College is not a private institution run for financial gain, but a philanthropic effort to inspire and direct genius to noble endeavor, and so to make a genuine contribution to the happiness of mankind. With such a purpose, the University seeks to provide the best possible equipment and the most competent teachers available at the least possible cost to the student.

BUILDINGS AND EQUIPMENT

The new buildings of the University provide ample and convenient rooms for every department of the College. Likewise, new equipment is now purchased. Every piano comes direct from the factory of Wm. Knabe & Co., to the studios. New models have been supplied for the drawing tables, and spacious rooms facilitate practice in public speaking. Every reasonable encouragement to successful training in these branches is afforded.

CONSERVATORY OF MUSIC

The Music Faculty is strictly one of European scholing. Each member has enjoyed the best of opportunities for music study in the leading conservatories and with the foremost private teachers in Germany.

EQUIPMENT

The University has purchased direct from the factory twenty-five Knabe upright pianos for practice purposes and one grand piano for recital and concert purposes. The practice

rooms are sound-proof, well ventilated, steam heated and well lighted. The practice pianos are kept in good tune. There are also several violin practice rooms in the Music Hall. A practice monitor keeps a record of the student's attendance and work.

PIANOFORTE

PROFESSOR JOHNSON, PROFESSOR TECHAU, AND MISS AULT

First Grade.—Gurlitt, Op. 83; Koehler, Op. 50; Doernig, Op. 76; Duvernoy, Op. 716; Burgmueller, Op. 100.

Second Grade.—Brauer, Op. 15; Dussek, Op. 20; Clementi, Op. 36, 37, 38; Sartorio, Op. 214; Loeschorn, Op. 65; Diabelli, Op. 151, 168; Lemoine, Op. 37; Reinecke, Op. 77.

Third Grade.—Duvernoy, Op. 120; Doering, Op. 8; Kuhlau, Op. 20, 55, 59; Berens, Op. 61; Doering, Op. 38; Czerny, Op. 821; Bertini, Op. 29, 32; Reinecke, Op. 47; Koehler, Op. 60.

Fourth Grade.—Krause, Op. 2; Haydn and Clementi Sonatas; Czerny, Op. 299; Greig, Op. 19, 28, 43; Herrmann Scholtz, Op. 2, 3, 7; Berens, Op. 88; Heller, Op. 45, 46, 47; U. Seifert, Op. 48.

Fifth Grade.—Hasert, Op. 50; Loeschorn, Op. 66; Doering, Op. 24; Clementi, Haydn, Mozart and Beethoven Sonatas; Modern Compositions by Greig, Tschaikowsky and Moskowsky.

Sixth Grade.—Loeschorn, Op. 67; Czenry, Op. 337; H. Scholtz, Op. 31, 65; MacDowell, Op. 51; Compositions by Sinding, Rheinberger, Schumann and Chopin.

Seventh Grade.—MacDowell, Op. 39; Bach Two-part Inventions; Cramer Studies; Kleinmichel, Op. 57; Compositions by Mendelssohn, Three-part Inventions; Clementi, Gradus ad Parnassum; More Difficult Compositions of MacDowell, Chopin, Schumann and Beethoven.

Eighth Grade.—Czenry, Op. 740; Cramer Studies continued; Bach Three-part Inventions; Clementi, Gradus ad Parnassum; More Difficult Compositions of MacDowell, Chopin, Schumann and Beethoven.

Post-Graduate.—Chopin Studies; Moscheles, Op. 70; Bach, Well-Tempered Clavichord; Concertos by Mozart, Beethoven, Mendelssohn, Greig, Schumann and Tschaikowsky.

REQUIREMENTS FOR GRADUATION

In this department the requirements for graduation are as follows:

Eight grades, as stated in the Catalogue, must be completed; also the full course in Harmony.

A recital played from memory must be given by each graduate. The program must consist of at least nine compositions, three of which must be of the same grade of difficulty as those of the following list. These three compositions may or may not be chosen from this list. This will be decided by the instructor, according to the needs of the pupil: Any Bach Prelude and Fugue from the well-tempered clavichord; and Beethoven Sonata.

The more difficult Haydn, Mozart, Clementi, Hummel and other classic sonatas.

Schumann, Op. 12, Op. 18, Op. 21; WWeber, Op. 62, Op. 72; Perpetuum mobile; Chopin, Ballade, Op. 47, Nocturnes, Polonaises, Impromptus, Berceuse, Op. 57.

Mendelssohn, Op. 14, Op. 16; Grieg, Op. 35, Op. 65, No. 6, In the Whirl of the Dance, Op. *posih*; Herrmann Scholtz, Op. 31, Op. 65, Op. 71.

All music graduates will be required to qualify for entrance in the Freshman class in English, General History and Elementary Physics.

A course of study is offered to those desiring to take the B. Mus. degree.

A Certificate of Proficiency will be granted to music students who have complied with all requirements for graduation excepting the eighth grade and the graduating recital. Such students, however, must have played at least twice in student recitals.

MUSIC CREDITS FOR PIANOFORTE

Realizing the value of music study to general education, the faculty of the University has decided to allow fifteen credits toward the A. B. degree for work completed in this department as per chedule below. Such credits are, however, available only

to graduates of the Conservatory of Music:

First Grade	1 credit
Second Grade	1 credit
Third Grade	1 credit
Fourth Grade	1 credit
Fifth Grade	2 credits
Sixth Grade	2 credits
Seventh Grade	2 credits
Eighth Grade	2 credits
Full course in Harmony	2 credits

THEORY OF MUSIC

PROFESSOR JOHNSON

Harmony (Jadassoh's Method).—This course includes the following subjects: Intervals; Triads and their inversion; Chords of the Seventh and their Inversions; Altered Chords; Suspensions; Organ Point; Passing and Changing Notes; Modulations and Cantus Firmus. All music students who desire to graduate are required to complete this course.

Counterpoint.—This course requires knowledge of Harmony.

VOICE CULTURE

PROFESSOR AGAR

Grade I.—Voice production according to the principles of Italian masters, embracing the fundamental knowledge of proper breathing, correct formation of the vowels; control of breath; and an understanding of tone resonance which is most essential for equalizing the Voice. Physiology of the Voice, Elementary exercises according to the ability of the pupil; Panofka, Book I, Easy Songs.

Grade II.—Scales and various technical exercises for the cultivation of flexibility, Concone, Panofka, Book II, Sieber, English Songs and Ballads.

Grade III.—Former work continued with more attention to pure tonal quality. Marchesi, advanced studies in connection with a higher grade of songs.

Grade IV.—Nava, Vaccai and Viardot Studies; Songs by English and German Composers, with particular care taken to master the vowel and consonant articulation, phrasing, etc.

Grade V.—Lamperti Studies and more difficult vocalization continued; collection Luetgen, Mendelssohn Songs.

Grade VI.—Lamperti Daily Studies, Scales, Arpeggios, Staccato, Portamento, Legato, Lablache, Trill Studies, Songs and Arias, French Composers.

Grade VII.—Studies by Aprile, Bordogni, S. Marchesi, Lamperti Bravura, Pietro del Winter, Italian pronunciation, Italian Songs with special attention given to the control of the breath, Solfeggi fugati, Porpora, 1686-1767.

Grade VIII.—A general review of all former work with accurate attention given to correct pronunciation, interpretation, etc.

Graduates in Voice must have completed eight grades as stated in the Catalogue and have a general knowledge of Classic and Modern Music; four grades in Pianoforte; the full course in Harmony and proficiency in Sight Singing.

The graduate must be able to sing Arias from Opera or Oratorios from memory and songs by composers of merit such as Schubert, Schumann, Franz, Grieg, Massent and Tschai-kowsky.

All music graduates will be required to qualify for entrance in the Freshman class in English, General History and Elementary Physics.

The Post-Graduate Course is a continuation of former work of a higher standard enlarging the repertoire.

The Conservatory of Music has its various clubs which are free to the music students: The Glee Club, a mixed chorus, a male quartet and a girls' quartet.

A class in Sight Singing will be organized and will meet twice a week.

Music credits toward the A. B. degree for Voice:

First Grade	1 credit
Second Grade	1 credit
Third Grade	1 credit
Fourth Grade	1 credit
Fifth Grade	2 credits
Sixth Grade	2 credits
Seventh Grade	2 credits
Eighth Grade	2 credits
Full course in Harmony	2 credits
Four Grades in Piano	2 credits
Sight Singing	1 credit

VIOLIN

MISS AULT

First Grade.—Half-tone system, Op. 2, Book I; Bow-Technic, Books I-II, by O. Sevcik, First Position.

Second Grade.—Scales and Studies in all Major and Minor Keys, Op. 39, Books I, II and III, by J. Dont; Exercises by Kayser, Book I, by H. Ries; Violin Duets, Op. 8, by Pleyel.

Third Grade.—Schradiack's Exercises; Position Studies, by H. Sitt; Studies in combining the Lower Positions, Op. 38-a and 38-b, by J. Dont; Solos by C. Bohm, G. Papini, etc., with piano accompaniment.

Fourth Grade.—Sitt Scales and Arpeggios; Schradiack's Exercises continued; Preparatory Studies to Kreutzer and Rode, by J. Dont, Op. 37; Violin Duets, Op. 38, by Mazas; Solos of medium difficulty by Modern Composers.

Fifth Grade.—Sitt Scales continued; Studies by Kreutzer, not including Double Stopping; Concerto by Accoly; Mittell Classics.

Sixth Grade.—Double Stopping Etudes by Kreutzer; Studies by Fiorillo; Sevcik Violin Technique, Op. 1, Part I; Exercises in Double Stoppings by Sevcik; Solos in line with De Beriot's *Aairs Varies* and *Scene de Ballet*.

Seventh Grade.—Studies by Rovelli; Concertos by Rode, No. 4 and No. 7; Viotti, No. 23; Sonatas by Haydn and Mozart; Sevcik, Op. 1, Part II,

Eighth Grade.—Caprices by Rode; Concertos by De Beriot; Sonatas by Beethoven; Morceau de Salon.

Ninth Grade (Post-Graduate).—Studies by Gavinies (Les Vingtquatre Matinees); Concertos by Bach, Mozart and Mendelssohn; Solos by Wieniawski; Sevcik, Op. 1, Part II.

Tenth Grade.—Etudes and Caprices by J. Dont, Op. 35; Caprices by Paganini; Studies d'Artiste by Mazas; Solo Sonatas by Bach; Concertos by Beethoven, Vieuxtemps and Bruch; Solos by Ernst and Sarasate.

REQUIREMENTS FOR GRADUATION

Eight grades, as stated in the Catalogue, must be completed: The full course in Harmony and two grades in Piano. A recital must be given by each graduate.

In this department the requirements for graduation are as follows:

The program must consist of a Concerto in line with de Beriot's; a classical Sonata, Beethoven, Mozart, or Haendel, and a number of shorter compositions by modern and classic composers.

Students will be required to qualify for entrance in the Freshman class in the following subjects: General History, Elementary Physics and English.

Music credits toward the A. B. degree for Violin:

First Grade	1 credit
Second Grade	1 credit
Third Grade	1 credit
Fourth Grade	1 credit
Fifth Grade	2 credits
Sixth Grade	2 credits
Seventh Grade	2 credits
Eighth Grade	2 credits
Full course in Harmony	2 credits
Two Grades in Piano	1 credit

NOTE.—An Orchestra will be organized.

NORMAL COURSE IN PIANOFORTE

A Normal Course will be offered for all prospective teachers. This course will be under the immediate supervision of the Director. The students receiving instruction will be selected from a class of beginners in pianoforte. The prospective teacher will be instructed in the manner and method of teaching by the Director. At the discretion of the Director, the lessons for the beginner will be given by the prospective teacher. A number of competent students taking advanced work in pianoforte with the assistance of the Director will carry forward this work for the school year.

The fee for patrons in this course will be:

Fall Term	\$12.00
Winter Term	9.00
Spring Term	9.00
(Payable in advance).	

No fee is charged prospective teachers for the Normal Course, providing they are paying tuition fees in pianoforte.

MISCELLANEOUS INFORMATION

HARMONY

No music student is well equipped without a thorough knowledge of Harmony. Courses are offered for class lessons or private lessons.

FACULTY CONCERTS

The Music Faculty will give occasional concerts during the school year. These concerts will be free to the music students. Hearing good concerts is a decided aid to the serious music student from an educational standpoint.

STUDENT RECITALS

Student recitals will be given. These are particularly beneficial in cultivating confidence for public playing or singing as all students will give their part of the program from memory.

Not only the advanced students but those in the easier grades will be given the opportunity to take part in recital programs.

MATRICULATION

Music students should matriculate on the first day of each term.

TUITION

Tuition is payable strictly in advance and the music student must present a matriculation card from the Registrar's office to the director before lesson hours can be assigned.

GRADUATION

In all but very exceptional cases, students already advanced when entering the Conservatory of Music will be required to spend two full years before they can graduate.

PRIVATE LESSONS

Private lessons of two half hours per week are given to all students in Pianoforte, Voice Culture, Violin and Pipe Organ.

DIPLOMAS

A diploma is granted to music students completing a special course.

BEGINNERS

Beginners are always welcome, and for such there will not be any entrance requirements. Preparatory students will receive special attention and parents will find it greatly to their advantage to enroll their children in the Conservatory of Music.

ABSENCE FROM LESSONS

If students are absent from their lessons the lessons will not be made up. If lessons are lost on account of the absence of the instructor the lessons will be made up.

CONSERVATORY ADVANTAGES

The Conservatory of Music offers exceptional advantages to the student who desires to study music as a profession and affords every facility to those who study music as a part of a liberal education.

TIME OF ENTRANCE

Music students may enter any of the departments at any time, but it is advisable to enter at the beginning of the school year.

STUDENT RECITALS

Pupils are required to take part in recitals when requested to do so by their instructor.

NATIONAL HOLIDAYS

The Conservatory of Music will observe all National holidays, and no refund will be granted for lessons missed on these days. Also, no refund for lessons missed during the regular examinations which occur on the last three days of each term.

LIBRARIES AND SOCIETIES

The city and college libraries and also the literary societies of the University are open to all music students.

PUBLIC PLAYING

Music students are required to have the consent of their instructor and the Director if they wish to take part in public concerts not given in connection with the Conservatory of Music.

SCHOOL OF ORATORY

CLYDE BATSELL REEVES, PRINCIPAL

GENERAL OUTLINE

The instruction of the department will include the art of Public Speaking, the study of the basic principles which underlie the Philosophy of Expression, Physical Culture, Dramatic Training, Elocution and the writing and delivery of Formal Orations.

The aim of the work at all times, is to make natural readers and speakers and to discourage artificiality and imitation. Principles of thought and expression are established and applied by the student to selection of oratorical worth. The system teaches that there can be no right speaking without right thinking, and that the way to secure right thinking is to enlarge the powers of observation, memory and reason.

Stress is laid on originality in the interpretation of thought and emotion, expression determined by the thought rather than the form of sentence, rational gestures prompted by impulse, and vocal culture that carries on voice-building and mind-training simultaneously.

In perfecting the young orator special attention is given to the cultivation of physical as well as vocal expression, to aid him in acquiring a cultured voice and a responsive body. "The language by which man's inner life is read, is that of the two natural avenues of expression, voice and gesture, the two powers by which man reveals the entirety of his being." Such exercises are given as will strengthen and free the voice from all imperfections, and enable it to respond to the higher impulses of the soul.

The next important step after the cultivation of vocal expression is the study of physical expression or gesture. It is the purpose of the teacher to give exercises and movements that will create responsiveness in the nerve centers, and allow the body to move with perfect freedom and ease in response to the mental concept. When the body is cultivated to responsiveness the right mental activity will create the right gesture.

COURSES OF INSTRUCTION

The School of Oratory offers two courses of instruction, viz:

1. Public Speaking and Debate.
2. Interpretative Reading.

COURSE I

Public Speaking and Debate.—Evolution of Expression, Voice, Gesture, Study of Masters and Masterpieces of Ancient and Modern Oratory, Writing and Delivery of Orations, Hymn and Bible Readings, Extemporaneous Speaking, Debate.

COURSE II

Interpretative Reading.—Evolution of Expression; Prose Forms, Expressive Study of Description and Narration. Poetic Interpretation; study of Epic, Lyric and Dramatic poetry with special references to the needs of the public speaker. Verse forms, tune and rhythm. Impersonation and Monologue, Dialect Studies, Arrangement of Programs, Abridgement and Adaptation of Selections for Public Reading, Writing of Introductions.

VOICE TRAINING IN COURSES I AND II

Physiology and Hygiene of Voice, Technical Vocal Training, Breath Control; tone projection, development of resonance, flexibility, freedom.

Text-Books Used.—Evolution of Expression, four volumes, Emerson; Perfection Laws of Art, four volumes, Emerson; Psychology of Voice and Gesture, Emerson; How to Teach Reading, S. H. Clarke; Expressive Voice Culture; Voice as interpreter of mental states, tone and power of tone, eradication of faults in use of voice. Articulation, color and form, relation of voice to imagination and emotion. Principles of Vocal Expression and Literary Interpretation, Clarke and Chamberlin.

DRAMATIC CLUB

Students of the Junior and Senior Oratory classes are eligible to membership in the T. C. U. Dramatic Club. While we do not offer any course of training for the stage, we believe that work

done in dramatics is of great value to the student of the platform in that it develops ease and flexibility of movement, directness of address and a deeper, fuller appreciation to dramatic literature.

RECITALS

Public recitals will be given by members of the department who are prepared, at regular intervals during the scholastic year. The Literary and Debating Societies of the University furnish excellent opportunities for practice in public reading and speaking.

CONTESTS

Students of Oratory have splendid opportunities to measure their skill in the various oratorical contests held throughout the session. In the fall term is held a Declamatory Contest, under the auspices of the three literary societies. The annual preliminary trial for the representation of the University in the State Prohibition Contest comes during the winter term. In March is held a similar preliminary for the Inter-Collegiate Oratorical Contests. We believe that no school in the country has more enthusiastic interest in oratorical attainments than has Texas Christian University.

CLASS WORK

In every walk of life it is eminently essential that men and women should know something of the rules of, and have some practice in, public speaking. Whether one chooses for his vocation law, medicine, theology, teaching or any other of the professions, he will find himself seriously handicapped if he has not spent some time upon the forms of public address. While a really great orator is as rare as a really great artist, still, all who possess a good literary foundation, strong determination and quick powers of thinking, may become good speakers. Constant practice based on hard thought and a constant effort to improve will make the tyro into a fair speaker, the fair speaker into an adept, sometimes the adept into a champion.

With these facts in mind, and for the purpose of reaching the

bulk of the student body, we have added to the regular work of Oratory two classes in Public Speaking and Debate, offering the ground work of these subjects at a merely nominal figure. These classes will in no wise take the place of the usual private instruction, hitherto offered in this department, since individual training upon selections, declamations, orations and sermons can be given only in private lessons. Still this work will be of value to those who for various reasons find it impossible to take the course more in detail. Regular college credit will be given for these courses.

DIPLOMAS

Students who have satisfactorily completed the prescribed work in either course, made an average grade of B in the quarterly examinations, and further possess a literary education equal to that required for admission to Freshman standing in the College of Arts and Sciences, will receive the degree of Bachelor of Oratory.

SCHOOL OF PAINTING AND DRAWING

DURA BROKAW COCKRELL

Recognizing the fact that the study of art should be broad and comprehensive, that creates ability in every individual should be encouraged, that students should have opportunity to secure the greatest return for the time spent in study, this department has established courses which will not only develop skill in drawing, but will also acquaint students with the fundamental principles of art; with beauty of line, tone and color; and with the best examples of the various phases of art in the world's history. The desire of the department is to offer a means of general culture, and a training that shall lead to fitness in the choice of life work.

COURSES OF INSTRUCTION

The branches of instruction are drawing and painting from antique, life and still-life, outdoor sketching and china painting. Pencil, charcoal, pen and ink, water color, and pastel are used as mediums.

Antique Class.—Drawing in charcoal from casts which are provided in the studio, including most of the classic models.

Life Class.—Drawing from the living model, including pencil sketches from the full figure with a view of illustration and studies of the head in charcoal with a view to portraiture.

Still-Life Class.—Painting from still-life which includes representation and arrangements of objects such as vegetables, fruits, flowers, furniture and things of common interest.

Painting in Oil.—Oil is used as the fundamental medium for the expression of color and is employed in the still-life and life classes.

Water Color.—Water color is used very generally and seems to be a favorite medium for figures and landscapes.

Pastel.—This medium is used less than the others, but familiarity with its use is required in the regular art course.

Decoration and Design.—Special attention is given to china decoration and original designing is encouraged. Pyrograph and Stenciling are given if desired.

Out-Door Sketch Class.—Much importance is attached to the sketch class which meets in the open at least one day each week.

Art History.—Regular students are given free tuition in the Art History class. This class is very beneficial in creating an interest in all that pertains to art and in making one familiar with the best work of the old masters. The "History of Christian Art" is studied, alternating with "Present Day American Artists."

Drawing Class.—A drawing class is provided mainly to meet the needs of the public school children. This class meets two hours each week and gives its members training in the fundamental principles of art.

ART LECTURES

Art lectures and exhibitions will be provided for the students from time to time, and they may also have the benefit of the course of art lectures which is given in the city each winter.

EQUIPMENT

The Art School has well-lighted, well-ventilated and well-equipped apartments, so that there is an atmosphere of beauty and refinement in the surroundings which is very conducive to true art-culture. The studio is well provided with plaster casts, still-life models and reproductions of masterpieces for study. The country closely surrounding the campus is ideal for an outdoor sketching class; the most beautiful phases of nature are close at hand, inviting one's study.

CHINA KILN

The best china kiln is provided by the school, as well as all other conveniences for china decoration. Firing is done as often as the student requires, usually twice a week.

ART CLUB

An Art Club called "The Brushes" is organized for the benefit of all art students. This club has for its object the furtherance

of the general art interests of the school and is a source of benefit and pleasure to its members.

EXHIBITIONS

The best work of the students will be exhibited at least once each term, when visitors will be invited. At this time collective criticisms will be given, with recognition of good work by honorable mention.

HOURS FOR WORK

The classes meet five days a week for three hours, both morning and afternoon. The students are given all the help that is consistent with their advancement and care is taken to prepare them for a time when they must work alone.

DIPLOMAS OF GRADUATION

A diploma will be conferred upon students who have completed the full three years' course, which comprises work from elementary drawing up to portrait painting. Students will be given full credit for work done in other art schools on presentation of such drawings and letters as give evidence of ability to undertake the work desired.

The College
of
Business

FACULTY

FREDERICK D. KERSHNER, M. A.,
President of the University.

J. A. DACUS. M. Acct's.,
*Penmanship, Office Work, Banking, Advanced Shorthand, Court
Reporting.*

BOYD WILSON,
*Bookkeeping, Business Practice, Business Correspondence, Busi-
ness Spelling.*

CLARA WHITMAN,
Shorthand and Typewriting.

C. H. ROBERTS,
Commercial Law and Civil Government.

MRS. JOHN W. KINSEY,
English Grammar and Commercial Arithmetic.

GENERAL STATEMENT

The Principal of the College of Business gives his entire time to teaching and general supervision. He is assisted by competent teachers in the department, and several of the subjects in both Bookkeeping and Stenography are taught by the regular College professors. In point of equipment, courses, advantages, etc., the College of Business is second to no other similar department or Business College in this part of the country. It is complete within itself.

The purpose of the courses offered in the College of Business is to supply the facilities for the training of young men and women who desire to enter upon business careers; to impart that knowledge most valuable and essential to all persons seeking an honest living; and, in fact, practically to qualify young men and women for the stern realities of life. Its work is based on the belief that through a study of commercial methods and economic forces, a young man may obtain at least as valuable mental discipline as in the so-called culture studies and in addition will gain practical knowledge and habits of thought that make for efficiency in business. Again its work is based on the demonstrated fact that every person should have a knowledge of commerce, accounts and finance, because they are necessary elements in everyday life. The modern business man needs training of the highest order, combined with a knowledge of the mathematical, physical and social sciences and of their application to commerce and industry. The present age is a commercial one with rapid development of modern industrial processes. The growing demand of the present age is Commercial Education. The purpose of the College of Business of the Texas Christian University, with its splendid equipment, courses and advantages, is to meet that demand.

LOCATION AND SPECIAL ADVANTAGES

1. The location is most desirable. Fort Worth is an important railroad center, and is accessible from every direction. The University grounds are more than 100 feet above the city, making it only not cool and delightful, but affording a commanding and inspiring view.

2. A well organized Academy makes it possible for a student to review any literary branches in which he may be deficient and at the same time take a course in Business. Any course in the University, for which the student is prepared, is open to the student of this department. So also are the departments of music, oratory and art open to them. Students of this department may, therefore, with only a slight increase in the expenses, take almost any work they may desire.

3. The library privileges of the University are open to the students of the Business College.

4. The buildings are commodious and all recitation rooms and

4. The buildings are commodious and all recitation rooms and are supplied with pure artesian water.

5. The young ladies are under the immediate care of a competent lady principal.

6. The students of this department have an equal footing in all the athletic training of the University.

7. The personnel of the student body is a matter of pride. The majority of the students are young men and women of high ideals and lofty purposes. They are in school because they want an education.

8. The moral and religious tone of the University is of a high order. The University Church, the daily chapel exercises and the student religious organizations provide for the moral and spiritual well-being of the student in an effective way.

9. Considering the advantages offered, the expenses are exceedingly small.

PREPARATORY COURSE

For the benefit of those who have been out of school for some time and are "rusty," and for those who are deficient in such studies as Grammar, Arithmetic, Reading, etc., we give a preparatory course. If the student is really deficient, it will require some four or six months' earnest work before he will be able to take up the Business or Shorthand course; but if he is only "rusty," or deficient in one or two studies, he may enter upon a Business or Shorthand course at once, join these preparatory classes, and make up his deficiencies, at no additional cost in tuition. This is one of the many advantages the student

has here and that he cannot get at any regular Business College. These preparatory classes are taught by our regular literary teachers.

BUSINESS COURSE

Bookkeeping, Business Practice, Commercial Arithmetic, Penmanship, Typewriting, Business Spelling, Commercial Law, Business Correspondence, English Grammar, Civil Government, Office Customs.

BOOKKEEPING AND BUSINESS PRACTICE

The course in Bookkeeping is practical and interesting from beginning to end. It is presented in such a way that the student "learns to do by doing." The work is given in sets representing the general lines of business. It begins with the first principles, namely, teaching the student how to systematically make records of all purchases whether for cash on an open account, on notes or otherwise; how to record all sales, whether on open account, notes or otherwise. The student is taught early in the course to write such business papers as notes, drafts, checks, etc., and to properly record same. After the basis is laid, he is then given the first set, which is on the General Merchandising Business. In this set the student is supplied with \$8,000 in College Currency, actually engages in the General Merchandising Business, handles the cash, buys and sells merchandise as the general merchant does, pays rent, salaries, freight, writes out all notes, drafts, checks, etc., for a given time, at which time he is required to render a statement exhibiting total debits, credits, losses, gains, resources and liabilities. Books to be used in this set are Cash, Journal, Sales, Ledger, Invoice Book, Bills Receivable Register and Bills Payable Register. Of course the student has Check Book, Receipt Book, Note Book, and keeps stubs properly filled out in these books. This is a very practical set, and the larger part was taken from a General Merchandising Business by Professor Dacus.

FURNITURE AND CARPET BUSINESS

This is the second set, and represents a partnership business for an up-to-date furniture and carpet house. In this, as in all the work throughout the entire course, all notes, drafts, checks, and other business papers are written out by the student.

HARDWARE BUSINESS

This is the third set, and the student starts the business with both resources and liabilities on hand. He is expected to adjust these points and run the business for three representative months, making monthly and final statements to the proprietor.

GROCERY BUSINESS

In this, the fourth set, the student is supplied with \$5,000 in College Currency, with which he engages in business. He uses Cash, Journal, Sales and Ledger Books. As auxiliaries he may have Order Book, Purchasing Journal, Invoice Book, Customer's Check-up Book, Bills Receivable and Bills Payable Register. He buys groceries in large quantities and sells in small quantities; in other words, runs a retail grocery business for a certain length of time, making out, of course, all notes, drafts, checks, etc.; and as a corporation is to be formed, he is now instructed to make a full statement showing all debits, credits, losses, gains, resources and liabilities. This is designed to teach the student how to change from an individual business to a corporation business. The books having been closed, nine other persons are here admitted into the business, putting in \$10,000 each, thus organizing a corporation of \$100,000, for the purpose of running a Wholesale Grocery Business. The student is employed as bookkeeper, city and traveling salesmen are employed, books are opened by the student, and the business is conducted for a period of time necessary to familiarize the student with this kind of bookkeeping.

BUSINESS OFFICES

There are several well equipped business offices in the College of Business, such as Merchants' Emporium, Commercial Ex-

change, Interstate Transportation Office, College National Bank with a capital of over \$1,000,000, Postoffice, etc. Throughout the course the student has business transaction daily with each of these offices, and each student is required to spend from one to two weeks in each of these offices; hence, when a student has graduated from this College of Business in Bookkeeping and goes to accept a position he is at home; it is like changing from one office to another; he has "learned to do by doing;" he places money on deposit, discounts notes through the bank, draws drafts on customers, pays freight, receives mail through postoffice, and, in fact, conducts each class or line of business for which he is bookkeeper in a very business-like manner.

COMMERCIAL ARITHMETIC

Students are supposed to have a fair knowledge of the fundamental principles of Arithmetic before they enter, and the work is given largely to the development of that readiness and accuracy in Arithmetic calculations which can be attained only by systematic, persistent drill. To this end he receives daily drills in rapid calculations, mental and written. Simple addition at first, and then, as facility is acquired, the work is made gradually more difficult until the student is able to handle very intricate problems with ease, and obtains accurate results. Absolute accuracy is insisted upon first—rapidity next.

In addition to the daily drills in rapid calculation or rather in connection with them, he takes up the various subjects of Arithmetic of interest to the business man, as Percentage, Practical Measurements, Trade Discount, True and Bank Discount, Commission and Brokerage, Profit and Loss, Interest, Taxes, Storage, Customs and Duties, Partial Payments, Equation of Accounts, Partnership, Settlements, etc., and learns them thoroughly and practically.

COMMERCIAL LAW

The course in Commercial Law covers the subjects of Contracts, Remedies, Defenses, Damages, Negotiable Paper, Interest and Usury, Sale of Personal Property, Chattel Mortgages, Bailments, Guaranty, Shipping, Common Carriers, Agency, Partnership, Joint Stock Companies, Corporations, Leases, Deeds,

Mortgages, Highways, and also a short treatise on the various Courts, State and National, and pleading and practice.

Special attention is given to the various legal forms in common use, and the student must be able to write any ordinary form offhand before completing this subject. In addition to the class-work on this subject the student gets a great deal of practical experience in writing up the various forms required in his bookkeeping work.

BUSINESS PENMANSHIP

It is a demonstrated fact that rapid, practical, plain writing cannot be successfully taught from copybooks. For this reason, we teach the subject from the board, putting great stress on position at desk, movement, form and speed, and as helps, we use pen written copies. Criticisms are freely given and much earnest work is done that we may be able to turn out students who can write a bold, rapid, legible hand. All students cannot become professional, but any earnest student can at least acquire an epistolary style.

BUSINESS CORRESPONDENCE

Before entering upon this subject the student should have a good knowledge of English Grammar. Throughout the entire course he has much need of correspondence; he is, however, taught the various parts of letters, arrangements, folding, inserting, addressing envelopes, and how to enclose commercial papers. The student gets much practice in actually writing letters, ordering goods, making remittances, and conducting in a general way all correspondence necessary to carry on the various lines of business for which he is bookkeeper while taking his course. His correspondence becomes a part of his work, and he is graded on it the same as on bookkeeping or other subjects.

TYPEWRITING

We teach both touch and sight typewriting, using the all-finger or scientific method in either case. If the student owns his typewriter or even knows what machine he will use, we require touch typewriting; but if he is uncertain what make of machine

he will use after completing his course, then in that case we recommend sight typewriting for a student learning by touch cannot operate all machines with the same ease and advantage as does the student learning by sight, yet the touch method is much better for the student using just one make of machine. A systematic course of lessons is given, including many business letters, common business expressions, tabulating work, etc. Full explanations of the use and care of the typewriter are given and regular practice periods assigned each student. All work done by each student is filed daily, and at the end of terms bound into book form.

BUSINESS SPELLING

As the heading implies, we teach only business spelling in this department, and this is given to the department as a whole. Regular lessons are assigned with a certain number of words to be looked up daily in dictionary; these lessons are pronounced the following day while each pupil with pencil and tablet is writing the word, exchanges of papers are then made, papers graded, and grades called for. These grades are kept and from them daily reports are obtained. Spelling is the one thing on which almost everyone gets "rusty," unless kept "rubbed up" by daily references to spellers and dictionaries.

REQUIREMENTS FOR GRADUATION IN THE BUSINESS COLLEGE

The work in Bookkeeping is entirely individual, and when the student has done the work outlined, has made passing grade on final examination, and is able to write forty words per minute on typewriter for five consecutive minutes his course is completed, providing, of course, he has a passing grade on all the other studies in the course. The average grade required on all studies is 75 per cent.

AMANUENSIS COURSE

Shorthand, Typewriting, Business Correspondence, Commercial Law, Legal Forms, Spelling, Civil Government, Penmanship, Office Customs and English Grammar,

SHORTHAND

Shorthand is given in sheets, that is, one lesson at a time. We cover the principles in ten lessons. *The First Lesson* is on the consonant alphabet, with necessary practice; *The Second Lesson* is on the vowels, with practice thereon; *The Third Lesson* is on the diphthongs and word-signs; *The Fourth Lesson* contains comments on the consonants, brief w's and y's; *The Fifth Lesson* explains the circles, loops and translating; *The Sixth Lesson* is an explanation of the halving principle; *The Seventh Lesson* is an explanation of the doubling principle; *The Eighth Lesson* explains the initial hooks; *The Ninth Lesson* explains the final hooks; *The Tenth Lesson* contains a full list of prefixes and affixes. After the principles have been mastered, a large amount of practice is given in business letters, legal documents, court testimony, clippings from newspapers, etc., for speed practice.

The students do a great deal of the private correspondence of the Principal of the College of Business, as well as for many of the other teachers and students of the University, and are required to go through much office work in the way of making carbon copies, press copies, filing various classes of papers, writing out deeds, leases, mortgages, articles of agreements, etc., hence, when the student graduates in the Amanuensis Course he is a practical stenographer.

Persons who have started Shorthand but have not had the opportunity to finish same would do well to enter the College of Business, as they can get almost any standard system. We teach only one system to beginners, but try to accommodate those who have taken a part of some other system.

TYPEWRITING

Typewriting is taught the same as with bookkeeping, at the beginning, but there is just about double the amount with Shorthand. Much of the *typewriting* done is the translating of *shorthand*, notes taken in class, at lectures, church, etc. The regular work is graded. Dictation is also given for speed on the typewriter, and many legal forms are copied from printed forms and from shorthand notes.

BUSINESS CORRESPONDENCE

The student of stenography begins on correspondence just as soon as he is over the principles, and starts to write simple letters. He is taught the various parts of letters, scaling on typewriting, and has practical correspondence each day until his graduation.

Commercial Law, Legal Forms, Spelling, Civil Government, Penmanship, Office Customs and English Grammar, same as required for Business Course.

REQUIREMENTS FOR GRADUATION IN AMANUENSIS
COURSE

All subjects under Amanuensis Course must be completed in a satisfactory manner, and the student must be able to write from new matter 100 words per minute for five consecutive minutes, read same back in five minutes, then translate same on typewriter at the rate of 25 words per minute.

EQUIPMENT

FOR THE AMANUENSIS COURSE

Each student in this course has a desk with cash drawer, book racks, pigeon holes, paper files, pen racks and waste basket—in short, all the necessary equipment of a business office.

In addition to this, we have a full line of offices that represent the parties with whom the student deals. Each of these offices is equipped with a complete set of books of the loose leaf variety. The bank has just such a set of books as will be found in the National Banks of today. In fact, the student who goes out of our College National Bank to work in a regular bank will feel little change in his surroundings, except in the matter of salary.

FOR THE AMANUENSIS COURSE

Each student in this course has a desk with drawer, etc., precisely as he would have in a well regulated business office in actual business.

HOW LONG?

The question is often asked. We can only reply that the time required to complete either of the courses depends more upon the advancement and natural aptness of the individual student at the time of entering, and the subsequent industry and faithfulness in performing the work, than upon anything else. The average time for the full course is about a full session of ten months. We have had some who had a good English education to start with to complete it in a shorter time.

POSITIONS

Our graduates are uniformly successful in securing and holding good positions. We use our best efforts in assisting our graduates to lucrative and responsible positions, but under no circumstances do we guarantee positions.

The College
of
Medicine

FACULTY*

EMERITUS PROFESSORS

ELIAS J. BEALL, M. D., Fort Worth, Texas,
*Emeritus Professor of Principles and Practice of Surgery and
Clinical Surgery.*

JULIAN T. FEILD, M. D., Fort Worth, Texas,
Emeritus Professor of Obstetrics and Clinical Gynecology.

FRANK D. THOMPSON, M. D., 703 Lamar Street,
Emeritus Professor of Gynecology.

PROFESSORS

JAMES ANDERSON, M. D., 415 Henderson Street,
*Professor of Principles and Practice of Medicine and Clinical
Medicine.*

BACON SAUNDERS, M. D., LL. D., 426 Henderson Street,
*Professor of Surgery and Clinical Surgery, and President of the
Faculty.*

FRANK C. BEALL, M. D., 1314 North Street,
Professor of Anatomy.

FRANK GRAY, M. D., 506 Taylor Street,
Professor of Diseases of the Eye, Ear, Nose and Throat.

EDGAR DOAK CAPPS, M. D., 614 Taylor Street,
Professor of Diseases of the Brain and Nervous System.

ERNEST L. STEPHENS, M. D., 1008 W. Weatherford St.,
*Professor of Materia Medica and Therapeutics, and Lecturer on
Clinical Therapeutics.*

*Faculty list for 1911-12. The faculty for 1912-13 had not been elected when this catalogue went to press.

WILLIAM R. HOWARD, A. B., M. D., 921 Cannon Ave.,
*Professor of Histology, Pathology and Bacteriology, and
Secretary of the Faculty.*

WILLIAM A. DURINGER, M. D., 1402 Summit Ave.,
Professor of Genito-Urinary and Rectal Diseases.

WILLIAM BEVERLY WEST, M. D., 1315 Pennsylvania Ave.,
Professor of Dermatology and Syphilology.

ROBERT B. GRAMMER, M. D., 200 Taylor Street,
Professor of Pediatrics.

GOODRIDGE V. MORTON, A. B., M. D., 500 W. Second St.,
Professor of Obstetrics.

WM. ROUNDS, 1728 Washington Avenue,
Professor of Physiology.

W. ERNEST CHILTON, 901 Penn Street,
Professor of Gynecology.

R. H. NEEDHAM, Ph. C., Fort Worth, Texas,
Professor of Chemistry, Lecturer on Pharmacy.

ASSOCIATE PROFESSORS

WILLIAM R. THOMPSON, M. D., 505 Henderson Street,
*Associate Professor Diseases of the Eye, Ear, Nose and Throat,
and Dean of the Faculty.*

JOHN D. COVERT, M. D., 1508 Hemphill Street,
*Associate Professor of Histology, Pathology and Bacteriology,
and Demonstrator of Histology, Pathology and Bacteriology.*

K. HEBERDEEN BEALL, M. S., M. D., 1314 North Street,
*Associate Professor of Principles and Practice of Medicine and
Clinical Medicine.*

WILLIAM C. DURINGER, M. D., 1402 Summit Avenue,
*Associate Professor of Dermatology and Syphilology. Assistant
to the Chair of Genito-Urinary and Rectal Diseases.*

LECTURERS, DEMONSTRATORS AND ASSISTANTS

WILLIS G. COOK, B. S., M. D., 650 Fifth Avenue,
*Lecturer on Physical and Clinical Diagnosis and Vice President
of the Faculty.*

M. LYLE TALBOT, M. D., 1500 Ballinger Street,
Lecturer on Fractures and Dislocations and Clinical Surgery.

CLAUDE O. HARPER, M. D., 1201 Rio Grande Avenue,
Lecturer on Minor Surgery and Bandaging and Clinical Surgery.

JAMES M. GIVENS, M. D., 1300½ Main Street,
Clinical Assistant to the Chair of Surgery.

ALDEN COFFEY, M. D., 2741 Hemphill Street
Demonstrator of Anatomy.

FRANK D. BOYD, M. D., 1016 Cannon Avenue,
Lecturer on Anatomy of the Special Senses.

LEONIDAS A. SUGGS, M. D., 1517 Hemphill Street,
Lecturer on Hygiene and Clinical Orthopedic Surgery.

RUFUS B. WEST, M. D., 431 Wheeler Street,
*Lecturer on Medical Jurisprudence and Life Insurance
Examinations.*

ROY F. SAUNDERS, M. D., 1415 Cooper Street,
*Quiz Master in Surgery, Demonstrator of Operative Surgery and
Assistant to the Chair of Surgery.*

WILLIAM C. DURINGER, M. D., 1402 Summit Avenue,
*Assistant to the Chair of Genito-Urinary and Rectal Diseases,
and Assistant Professor of Dermatology and Syphilology.*

JESSE S. BARDIN, M. D., Fort Worth, Texas,
Clinical Lecturer on Pediatrics.

GEO. D. BOND, M. D., cor. Peter Smith and Hill Streets,
Lecturer on Electro-Therapeutics.

HENRY B. TRIGG, M. D., 1410 West Daggett Avenue,
Lecturer on Histology.

MARVIN E. TADLOCK, M. D., 1400½ Main Street,
Lecturer on Embryology.

ROY DUNLAP, M. D., 1500 South Adams Street,
Lecturer on Osteology.

ROSS B. TRIGG, M. D., 1410 West Daggett Avenue,
Lecturer on Mental and Nervous Diseases.

OSCAR E. VEATCH, A. B., M. D., Fort Worth, Texas,
Assistant in Physiology.

YOUNG J. MULKEY, M. D., 1600½ Main Street,
Assistant Demonstrator of Anatomy.

J. A. MULLENIX, M. D., 1300½ Main Street,
Assistant in Physiology Laboratory.

A. B. BROWN, 1600½ Main Street,
Assistant Demonstrator of Anatomy.

VICTOR E. BONELLI, M. D., 615 Lamar Street,
Lecturer on Materia Medica.

HERMAN KINGSBURY, M. D., 823 Macon Street,
*Lecturer on Bacteriology and Laboratory Assistant to the Chair
of Histology, Pathology and Bacteriology.*

EWING P. HALL, M. D., 1810 South Jennings Avenue,
Assistant to the Chair of Practice.

FRANK G. SANDERS, Ph. G., M. D., Fort Worth, Texas,
Demonstrator of Anatomy.

JOHN W. YANCEY, 810½ Main Street,
Lecturer on Pharmacology.

LOUIS N. MARKHAM, M. D., Fort Worth, Texas,
Assistant Demonstrator of Anatomy.

E. L. MYRICK, M. D., 1705 South Jennings Avenue,
Assistant Demonstrator of Anatomy.

W. MARSHALL TRIMBLE, M. D., 505 West Central Avenue,
Assistant to the Chair of Gynecology.

ISAAC A. WITHERS, M. D., Fort Worth, Texas,
Lecturer on Gynecology.

JOHN B. CUMMINS, M. D., 1425 Hemphill Street,
Assistant to the Chair of Obstetrics.

JAS. R. MITCHELL, A. B., M. D., Fort Worth, Texas,
Assistant in Chemistry and to the Chair of Obstetrics.

JOSEPH A. GRACEY, M. D., 515 South Henderson Street,
Assistant to the Chair of Practice.

O. F. CARLSON, M. D., Riverside, Fort Worth, Texas,
Lecturer on Osteology.

ERIC W. STROMBERG, Ph. G., Fort Worth, Texas,
Assistant in Pharmacy Laboratory.

HENRY B. LITTLEPAGE, Ph. G., Fort Worth, Texas,
Assistant in Chemical Laboratory.

D. J. SAUNDERS,
Registrar.

INSTRUCTORS IN SCHOOL OF PHARMACY

R. H. NEEDHAM, Ph. C., 1311 Harrington Avenue,
*Professor of Pharmacy, Botany, Chemistry and Toxicology, and
Dean of the Faculty.*

ERNEST L. STEPHENS, M. D., 1008 W. Weatherford St.,
Professor of Materia Medica, Pharmacology and Therapeutics.

WILLIAM ROUNDS, M. D., 1728 Washington Avenue,
Professor of Physiology.

JOHN D. COVERT, M. D., 1508 Hemphill Street,
Professor of Bacteriology.

VICTOR E. BONELLI, M. D., 655 Lamar Street,
Lecturer on Materia Medica.

JNO. W. YANCEY, M. D., 910½ Main Street,
Lecturer on Pharmacology.

JAS. R. MITCHELL, A. B., M. D., Fort Worth Nat'l Bk. Bldg.,
Assistant in Chemistry.

OSCAR E. VEATCH, A. B., M. D., Fort Worth,
Assistant in Physiology.

J. A. MULLENIX, M. D., 1300½ Main Street,
Assistant in Physiology Laboratory.

ERIC W. STROMBERG, Ph. G., Fort Worth,
*Assistant in Pharmaceutical Laboratories and Lecturer on
Inorganic Materia Medica.*

HENRY B. LITTLEPAGE, Ph. G., Fort Worth,
*Assistant in Chemical Laboratory.
Assistant in Pharmacognosy.*

SCHOOL OF MEDICINE

The College of Medicine* maintains the following departments:

- I. The School of Medicine.
- II. The School of Pharmacy.
- III. The School of Nursing.

HISTORICAL REVIEW

The Fort Worth School of Medicine was organized as the Medical Department of the Fort Worth University in 1893. In 1894 the first class was enrolled, and the graduating class received the Degree of Doctor of Medicine in 1895. In the beginning we had fifteen full professors, with adjuncts, assistants and demonstrators to accommodate the needs of our classes. It was with some difficulty that we obtained abundant anatomic material. While our laboratories, microscopical and chemical, were not what they are now, we had enough, by working our classes in double sections, to give a good course. As our classes grew and our courses became more extended, we were one of the first medical colleges in the South to adopt a four years' course; and in 1896 we were the first in Texas to become a member of the Southern Medical College Association.

The requirements of these newly acquired conditions demanded still further equipment and better teaching facilities. These have been added year by year as our class roll has increased till now we have a beautiful Medical College building, the property of the school, well equipped for teaching purposes. No better facilities for teaching scientific medicine exist in the South and West. We now have sixty professors and instructors in the Medical Department. Of the original fifteen professors eight are still in active service, six of whom are holding the same chair they were elected to in the beginning; three are Emeritus; two have resigned, and two have died.

We have added a School of Pharmacy which has passed its

*Further details in regard to the work of the College of Medicine will be found in the Special Bulletin of the latter.

sixth annual commencement; the success of the School of Pharmacy has been more than the most sanguine could have hoped. Like the School of Medicine, the School of Pharmacy has an efficient corps of teachers, equipped with every appointment necessary to teach scientific and practical Pharmacy.

A School of Nursing was installed four years ago and has passed its fourth annual commencement. Some of our graduate nurses are holding the best hospital appointments in the South.

OUR AFFILIATION

Owing to the fact that the trustees of Fort Worth University moved the location to Guthrie, Oklahoma, and united with the Epworth University, the Medical Department was left without affiliation. At a meeting of the Medical Faculty on June 3, 1911, a committee, with a resolution, was appointed to confer with the Board of Trustees of the Texas Christian University, to ascertain if it might result in mutual benefit to both institutions, should an affiliation be brought about. This affiliation was successfully accomplished during the summer of 1911. By the action taken at that time all alumni of the Medical and Pharmacy schools and the School of Nursing become alumni of the Texas Christian University. Arrangements have since been perfected by virtue of which the School of Medicine becomes an integral part of the University at an early date.

REQUIREMENTS

Our Curriculum exceeds the requirements of the State Board of Medical Examiners, as well as those of the Council on Medical Education of the American Association.

State Board 3,600 hours

American Medical Association 4,100 hours

Fort Worth School of Medicine 5,200 hours

Our Curriculum exceeds the American Medical Association requirements 1,100 hours, the State Board 1,600 hours.

Our entrance requirements are regulated by the State, and students are received only on a basis of fourteen units. Our graduates have the highest percentage before the State Board of any school in the South or West; and out of 293 graduates,

who have graduated in the past eighteen years, and have applied to the State Boards, only one has failed, the best record of any school in the South.

Notwithstanding the efforts of wealthy medical college syndicates to overthrow all Southern schools of medicine by the unjust criticism of their agents, who know little of our methods of teaching, nothing of our legal requirements, and much less of the ability and success of our Southern practitioners, this action should not deter the schools of the South from maintaining the high standard of medical education which brings them the success they so justly deserve.

COLLEGE BUILDING

The Medical College occupies a beautiful and commodious building, made of gray brick and stone. The building is owned by the institution and cost more than \$60,000 for building and grounds, not including equipment. It has a floor space of over 25,000 square feet, well lighted and ventilated.

The first floor contains seven hospital wards of sufficient room for fifty beds, bath rooms, dining room, kitchen, private rooms, linen closets, boiler room, coal room, supply room, lavatory, etc.

The Hospital Department, on the second floor, contains four hospital wards with twenty-five beds, two bath rooms, private operating room, surgical clinical amphitheater, anaesthetizing room, sterilizing room, surgeon's dressing room, medical clinical room, clinic waiting room, house surgeon's room, drug store and patient's lobby.

The College Department contains library and faculty room, Dean's office, student's lobby, etc.

On the third floor the Assembly Hall seating three hundred, fitted with a Zeiss epidiascope, physiologic, histologic and bacteriologic laboratories, lecture room seating seventy-five, stock room, hallways, elevator, etc., are situated.

On the fourth floor are the dissecting room, anatomic preparation room, anatomic and autopsy amphitheater, museum and section study room, chemical laboratory, chemical stock room, chemical lecture room, pharmaceutical laboratory, stock room, halls, etc.

CLINICAL RESOURCES

The rapidity with which our city is growing, its manufacturing industries, railroad, street car and interurban lines, service corporations and its rapid increase in population, reaching near the 100,000 mark, make it a place unsurpassed for clinical advantages. Not only this, but the outlying territory tributary to this place, reached by twenty-four railroad and interurban lines, makes it a natural distributing point to the great Northwest, West, and Southwest. These are important factors, offering an enormous clinical field, unexcelled by any city of its size in the country.

The city and county have placed their sick in the Medical College Hospital, making it a city and county hospital, placing under our supervision the entire charity medical work for medical instruction.

COLLEGE DISPENSARY

On the second floor of the college building is located the dispensary, and consists of patients' waiting room, a medical and surgical amphitheater with capacity for seating the Junior and Senior classes; connected with this are dressing, sterilizing and anesthetizing rooms. Members of the Junior and Senior classes have daily work in the dispensary and clinical laboratory, under the supervision of instructors, where they become acquainted with many diseased conditions.

Physicians are invited to refer patients to this clinic for treatment, on condition that such patients are indigent, or merely able to pay for hospital service.

THE COLLEGE HOSPITAL

The college hospital furnishes the clinical laboratory for the Junior and Senior years. It covers a floor space of 7,500 square feet, and has room for seventy-five patients, outside of kitchen, dining room, etc. Its capacity has been recently increased by turning the first floor students' lobby into a city hospital ward and by rental of a cottage nearby for a nurses' home.

The medical clinic has seats for ninety students, a surgical

amphitheater with steeply inclined seats for sixty students, the most distant of whom will not be farther than ten feet from the operator. This room has tiled floor, and abundance of light from the north and east, and connects directly with the anesthetizing room and a sterilizing room and dressing room. The whole is provided with regular operating room equipment. Ample bath and toilet facilities are arranged. On the second floor is a very completely equipped private operating room with tiled floors, enameled walls, sterilizers, instrument cases, operating table, etc.

The hospital is both a private and public institution. It is open to all reputable physicians desiring to use the private operating room. The surgical clinical amphitheater is solely for the service of the school and its instructors. The hospital is conducted under the College Hospital Association, a corporation distinct from the medical faculty, but comprised largely of members of this body and their assistants. The hospital conducts a training school for nurses. The city, utilizing this hospital as a city hospital, thus enables Junior and Senior students to have a constant hospital bedside service. These arrangements are ideal for thorough inspection in the practical work of the last two years, so often poorly provided for outside of the large clinical centers.

PROJECTIVE APPARATUS

Desiring to give students every available teaching advantage, the faculty has placed in the Assembly Hall the finest projection apparatus purchasable—a combined Epidiascope and Episcopes, manufactured by Dr. Carl Zeiss, Jena, and imported at a large expense especially for this school. The instrument throws upon the screen the brilliantly illuminated image of all objects of a size to be placed within it. Cuts, plates, illustrations from books, drawings, models, physical apparatus, small plants and animals, pathological and anatomical specimens, etc. It also projects lantern slides, micro-photographs, microscopical slides, hanging cultures of bacteria, etc. The instrument presents a wide range of applicability and will greatly increase the scope of illustrated teaching.

ST. JOSEPH'S INFIRMARY

St. Joseph's Infirmary is located in the southern part of the city, readily accesible by a twelve-minute car service. It is situated upon a high plateau, and is surrounded by spacious grounds. It is owned and operated by the Sisters of the Incarnate Word, who completed in 1907 a large wing, making room for two hundred beds, four large wards, two operating rooms, in one of which a commodious amphitheater has been erected for the use of the upper classes of this school and the professional friends of the hospital. This is perhaps the largest and best equipped hospital in the South, having room for more than four hundred beds. Every Saturday a large surgical clinic will be held here by the Professor of Surgery, and both Juniors and Seniors will have equal opportunity of witnessing most of the principal surgical operations. The usefulness of the hospital is greatly enhanced by an efficient training school for nurses.

THE CHEMICAL LABORATORY

The chemical laboratory occupies a room 48x25 feet on the fourth floor. It is fitted with one hundred fifty-five cabinet desks, accommodating one hundred fifty-five men. The desks are provided with drawers, lockers, water, gas and furnished with reagents and chemical apparatus.

The department has a store room 12x18 feet, which may be used for a private laboratory for special and research work of the instructors. It contains an ample supply of the best chemical apparatus obtainable in American and German markets. The equipment of this laboratory, for its size, is equal to that of any other American medical college.

The laboratory connects with the chemical lecture hall, which accommodates seventy-five men, and is fitted with blackboards, demonstration desks, etc., necessary for chemical lecture work.

HISTOLOGIC AND PATHOLOGIC LABORATORY

This laboratory is situated on the north end of the third floor of the building. It is 16x44 feet, and fitted with desks and

lockers of progressive heights to enable all to have advantage of the ten large windows. The laboratory has compound microscopes and accessories sufficient to accommodate fifty men with individual outfits.

A large store room stores material for this laboratory and the bacteriologic laboratory, which may be used for a private laboratory for the special and research work of the instructors. It is fitted with drawings, mounted specimens, gross pathologic and histologic material from home and other American and foreign centers, microtomes, stains, chemical supplies, etc.

THE BACTERIOLOGIC LABORATORY

The bacteriologic laboratory occupies the west side of the third floor. It has desks similar to the chemical laboratory, equipped with drawers, lockers, water, gas, bacteriologic apparatus, etc., sufficient to supply fortyfive men. The laboratory is furnished with incubators, individual and general, culture media, sterilizer, animal cages, and everything necessary to give a practical individual demonstration course in the nature, growth and pathologic properties of the principal micro-organisms. The laboratory is connected with the pathologic laboratory and utilizes the same stock room.

THE PHYSIOLOGIC LABORATORY

The physiologic laboratory is on the second floor. This department has this year added to its equipment a complete new outfit. The department possesses a good lecture room with good slate boards and necessary apparatus for the standard experimental courses in physiology.

ANATOMIC LABORATORIES

The dissecting room occupies the fourth floor, having the full east and south ventilation. It has a good cement floor and direct sewer drainage. It is provided with fifteen dissecting tables, accommodating sixty second year men and one hundred

twenty first year men. This department is provided with good lockers, lavatories, lights, etc.

Connected with this room is the anatomic amphitheater, lighted by window and skylight, provided with fine slate boards and accommodating with raised seats sixty men. Here anatomic demonstrations are given on the cadaver. The room is also used for autopsy work and demonstrations in operative surgery.

This department is also provided with a preparation room with cement floor, direct elevator connections, water and light, with all appliances for the preservation of bodies.

The anatomic study laboratory is an important part of this department. Here is placed a large central table with chairs for section study. The walls are fitted with cases containing models, charts, dissections, cross sections, colored bones graphically showing muscular attachments, embryologic preparations, pathologic specimens, anatomic library, etc. The annual six weeks' course on brain dissection is given here.

The bone room is furnished with a large collection of well clasified disarticulated bones for the practical study of osteology. Tickets are secured at the Dean's office for \$2.00, entitling holders to draw bones for study acording to the printed rules with the tickets.

THE CLINIC LABORATORY

This laboratory is supplied with the necessary chemical apparatus and reagents, sphygmomanometers, blood counting apparatus, microscopes, hemaglobinometers, dark ground, illuminators, etc. The laboratory is in charge of competent instructors and is used by Senior and Junior students on assigned cases from the various clinics. The work here forms a valuable adjunct to the instruction given in the clinical course.

THE MEDICAL LIBRARY

During the past year a medical library of about one thousand volumes has been placed in the faculty room of the Medical College. It is conveniently arranged for reference and consists of

standard medical works, systems of medicine and bound volumes of some of the leading journals. There is also an excellent file of the current medical journals.

COURSES OF STUDY

For information regarding courses of study, entrance requirements and the like in the College of Medicine, consult the special bulletin published by the College. Copies may be secured by addressing the Registrar, D. J. Saunders, Medical Department, T. C. U., Fort Worth, Texas.

SCHOOL OF PHARMACY

HISTORY AND ORGANIZATION.

The School of Pharmacy is operated under a provision of the charter of the Medical Department of Texas Christian University. It was organized in July, 1905, the faculty of the Medical Department having recognized, through the medical fraternity and druggists, that there was a demand for a Pharmacy School in connection with the Medical College. The success of the school has proven beyond any doubt the correctness of this conclusion; and the rapid and substantial increase in both attendance and interest, developed by physicians and druggists, has demonstrated that our efforts to establish a good School of Pharmacy have been fully appreciated by the people of this section of the State.

Our object in entering the educational field was not confined to selfish interests, but to establish an institution of learning where students could be thoroughly trained for their chosen profession, and, at the same time, come in contact with those studying medicine, which intercourse would better fit them for the business of pharmacists. There are many advantages to be gained in a school thus situated, which are wanting in those devoted to pharmacy alone. The drug business of today is quietly and persistently demanding that the men and women

who engage therein must be better educated. While we realize that pharmacy is a commercial business, yet it has its professional side, and is recognized as a science and an art. The demand for educated, reliable drug clerks was never better than it is today, with salaries showing an upward tendency; at the same time the State Boards of Pharmacy are demanding that both preliminary and pharmaceutical education be of higher standards. We have so arranged our curriculum as to meet these needs, and our entrance requirements will be up to those demanded by the Texas State Board. We do not claim that none of our graduates ever fail before the State Board, but we do declare that they are as well prepared for this test as the majority of those appearing for examination coming from other schools. One year's work in school will often do much toward preparing a student for examinations, but the full course of two years gives one a decided advantage over those possessing less education.

In the beginning it was decided to give but one course, that one to be of two years' work, leading to the degree of Graduate in Pharmacy, Ph. G. All efforts were directed to make this course one of the best and to correlate the studies, as far as possible, with those of medicine, thus enabling those graduates in pharmacy already matriculated in the School of Medicine, to take up their studies with about a year's credit in medicine. The number of hours devoted to class and laboratory work during the two years is in excess of 1,400. We realize that these hours demand of the student a great amount of time and study, but our experience in this line of work leads us to believe that the future will demand additional hours. Our course embraces instruction in all the most important branches in Pharmacy, including Practical and Theoretical Pharmacy, Dispensing, Chemistry, Materia Medica, Pharmacology, Bacteriology and Physiology. We try to impart to the student a complete knowledge of the rudimentary work of the branches taught, with the primary object to fit him for the best work in his chosen profession.

For further information concerning the School of Pharmacy, address R. H. Needham, Ph. C., 1311 Harrington Ave., Fort Worth, Texas.

SCHOOL OF NURSING

ANNOUNCEMENT

Lecture course begins October 1, 1912.

Final examinations May 10, 1913.

Two years' course of training, which includes practical instruction in nursing of medical, surgical, gynecological, and obstetrical cases, the nursing of children, and invalid cookery.

Pupils may enter at any time.

For general instruction to applicants for admission to the Training School, address Miss Jessie Gass, Superintendent of Nurses, Medical College Hospital, Fort Worth, Texas.

The Academy

FACULTY

FREDERICK D. KERSHNER, M. A.,
President of the University.

CHARLES H. ROBERTS, A. B.,
Principal and Profesor of History.

MRS. JOHN W. KINSEY,
Instructor in Mathematics.

JAMES MILLER,
Instructor in English.

E. R. BENTLEY,
Instructor in Science.

P. M. FAULKNER,
Assistant in English and Science.

*Some courses in the Academy are given by Professors in the College of Arts and Sciences.

THE SCOPE OF THE ACADEMY WORK

In many sections of Texas and adjoining States it is not practicable for young people to have the privilege of a High School course; in others the High School work, as carried on, is not satisfactory to parents. To meet the needs of persons in such circumstances the Academy has been organized. It receives pupils who have finished the regular seventh grade, and offers them a course of instruction equal to that of the best High Schools.

DIPLOMA

On the completion of the Academy course the student receives a diploma that entitles him to enter the College of Arts and Sciences. The diploma stands for the same attainments in scholarship as does that of the best High Schools of Texas.

REQUIRED AND ELECTIVE COURSES

In the Academy all courses in English, American and General History, Mathematics and Sciences are required of each student. In addition he is required to take three years of Foreign Language, two of which must be some Ancient Language, and to make a total of fourteen units, which must be completed before graduation.

COURSES OF INSTRUCTION

LATIN

Latin A.—Hale's First Latin Book; daily exercises at the black-board, together with the study of forms and quantity. Course to continue throughout the year. Professor Page.

Latin B.—Rolfe and Dennison's Junior Latin Book, including two books of Caesar's Gallic Wars; prose composition and grammar, Hale-Buck. Professor Eskridge.

Latin C.—Grammar and Composition; Eutropius Nepos and Sallust's Catiline. Professor Eskridge.

GREEK

Two years of work in this department are offered to students of the Academy, this work serving as an introduction to both Classical and New Testament Greek. For particulars, see announcement of courses for the Department of Greek in the College of Arts and Sciences.

ENGLISH

English A.—Grammar and Composition with Word Study throughout the year, three hours a week. Class readings two hours a week: Irving's Sketch Book, Goldsmith's Deserted Village, Scott's Lady of the Lake, Stevenson's Treasure Island. Home readings: Longfellow's Courtship of Miles Standish, Dickens' Oliver Twist, Bunyan's Pilgrim's Progress, Tennyson's Enoch Arden. Mr. Miller.

English B.—Elementary Rhetoric and Composition, Fall and Winter Terms. History of American Literature, Spring Term, three hours a week. Class readings two hours a week throughout the year: Dickens' Tale of Two Cities, Coleridge's Ancient Mariner, Lowell's Vision of Sir Launfal, Bryant's Thanatopsis, Longfellow's Hiawatha, Whittier's Snowbound, Holmes' Chambered Nautilus, Old Ironsides, and One Hoss Shap. Home readings: Franklin's Autobiography, Cooper's last of the Mohicans, Hawthorne's Twice Told Tales, Parkman's Conspiracy of Pontiac. Mr. Miller.

English C.—English Literature, Fall and Winter Terms. Rhetoric and Composition, Spring Term, three hours a week. Class readings two hours a week throughout the year: Shakespeare's Merchant of Venice, and Julius Caesar, Lamb's Last Essays of Elia, Chaucer's Canterbury Tales, Dickens' The Christmas Carol, Burke's Speech on Conciliation. Home readings: Ruskin's The King of the Golden River, Tennyson's Idylls of the King, DeQuincey's Confession of an Opium Eater, Eliot's Silas Marner, Homer's Iliad and Odyssey, and Macaulay's Addison and Milton. Mr. Miller.

GERMAN

German A.—Essentials of German Grammar, composition and reading of easy prose. Professor Sargent.

German B.—Grammar, German syntax and more difficult composition. Reading of some three hundred pages of prose and poetry from modern writers. Professor Sargent.

FRENCH

Elementary Course.—Thorough drill on the elements of French grammar, pronunciation, dictation, translation of easy English into French, reading of selected short stories. Professor Sargent.

SPANISH

Elementary Course.—Spanish grammar, pronunciation, simple dictation, translation of easy English into Spanish, reading of easy Spanish texts. Professor Sargent.

HISTORY

The student who enters the Academy is supposed to have completed courses in the History of Texas and the History of the United States. The work in History as offered by the Academy, therefore, is limited to three years of required work and one year of elective work, as follows:

(a) *Ancient History* (Myer's Revised), taught the full year, with note books, and library references. Professor Roberts.

(b) *Medieval and Modern History* (Myer's Revised), taught the full year with note books and supplementary work. Professor Roberts.

(c) *Civics*, Fall Term; American History, Winter and Spring Terms. Professor Roberts.

(d) *History of England*, full year five hours, may be substituted for Medieval and Modern History.

MATHEMATICS

Mathematics A.—Algebra throughout the year. Elementary course. Mrs. Kinsey.

Mathematics B.—Algebra through the year. A more ad-

vanced course than that offered in Mathematics A. Mrs. Kinsey. *Mathematics C.*—Plane Geometry through the year. Professor Alexander.

NATURAL SCIENCE

The courses in Natural Science in the Academy cover the same ground as do those of the best High Schools. All classes have the advantage of charts, drawings, collections of specimens and excellent laboratory facilities.

(a) To students of the first Academic year there is offered in the Fall Term a course in Physiology; this is followed in the Winter and Spring Terms by a course in Physiography.

(b) To students of the third Academic year there is offered a year of work in Elements of Physics, a constant factor being laboratory experiments such as are offered by the best High Schools.

UNITS

One hour of recitation daily in any given branch throughout the session of three terms constitutes one "unit." Fourteen units are required for graduation in the Academy.

SOCIETY WORK REQUIRED

All students who take two or more subjects in the Academy shall be classed as Academy students; provided, such students as are conditional Freshmen, who have completed at least twelve units of Academy work, may be classed as Freshmen.

It is recommended that the University societies admit no more members except University students, and special students who have the same standing required of University students.

Specials not having the requirements of University students may become members of the Academy Literary Society.

All Academy students must be active members of the Academy Literary Society, unless excused by the Principal.

SUB-PREPARATORY YEAR

So many students apply for admission to the school, who are not prepared to enter the first year of the Academy, that seventh grade classes will be organized in Arithmetic, Grammar and Orthography.

Outline of Work by Consecutive Years

FIRST PREPARATORY YEAR

DEPARTMENT	FALL	WINTER	SPRING
Classical Language.....	Latin.....	Latin.....	Latin.....
English.....	Grammar and Composition.....	Grammar and Composition.....	Literary Classics.....
History.....	Ancient History.....	Ancient History.....	Ancient History.....
Mathematics.....	Algebra.....	Algebra.....	Algebra.....
Natural Science.....	Physiology.....	Physiography.....	Physiography.....

SECOND PREPARATORY YEAR

DEPARTMENT	FALL	WINTER	SPRING
Classical Language.....	Latin or Greek.....	Latin or Greek.....	Latin or Greek.....
English.....	Elementary Rhetoric.....	Elementary Rhetoric.....	Literary Classics.....
History.....	Modern History.....	Modern History.....	Modern History.....
Mathematics.....	Algebra.....	Algebra.....	Algebra.....

THIRD PREPARATORY YEAR

DEPARTMENT	FALL	WINTER	SPRING
Language.....	Latin, Greek or Mod. Lang.....	Latin, Greek or Mod. Lang.....	Latin, Greek or Mod. Lang.....
History.....	Civics.....	American History.....	American History.....
English.....	English Literature.....	Rhetoric.....	Rhetoric.....
Mathematics.....	Plane Geometry.....	Plane Geometry.....	Plane Geometry.....
Natural Science.....	Elementary Physics.....	Elementary Physics.....	Elementary Physics.....

Miscellaneous
Information

I

A BRIEF HISTORY OF THE UNIVERSITY

In the fall of 1869, during the period of reconstruction in Texas after the Civil War, Addison Clark and Peter Smith opened a private school in the village of Fort Worth. A few months later, the place of Peter Smith was taken by Randolph Clark, a brother of Addison Clark, and the school was conducted by these two brothers until the spring of 1873.

In the fall of 1873, these brothers removed this private school to Thorp Springs, Texas. The new institution was, almost immediately afterward, chartered under the name of Add-Ran College. The character and ability of these teachers, together with the solid worth of the instruction and general advantages offered, attracted an appreciative and increasing patronage. To meet its demands, the modest plans of the beginning were enlarged and more ample buildings were erected; of right, the enterprise flourished.

In 1889 Add-Ran College became the property of the Christian Churches of Texas, the name being changed to Add-Ran Christian University. It continued, however, under the immediate direction of the Clark brothers, maintaining its reputation for scholarly influence, and proving itself to be, even more than before, an institution for which men and women counted it a glory to live lives of devoted self-sacrifice.

In 1895 it was determined to remove the University from Thorp Springs to a more advantageous location, where the life of some city might enlarge the opportunities for culture afforded to the student, and from which the institution might more effectively reach the State at large. Waco was favorably considered. An educational movement on the part of the Methodist Church had established Waco Female College. Financial conditions not being such as to warrant continuance of the enterprise, the property was transferred to the Christian Church. On Christmas Day, 1895, the change of location was formally made.

For a time after its removal, the growth of the University was retarded by such losses and adversities as of necessity attend all transplanting. But with steadfast faith a few heroic

souls, chief among whom should be mentioned Thornton E. Shirley, carried forward the work of establishing the institution amid its new surroundings. Their faith and their labors were not unrewarded. Slowly, indeed, but nevertheless surely, the old life, becoming adjusted to the new environment, pulsed with greater and ever greater vigor, until it is now abundantly manifest that the spirit that gave "Old Add-Ran" its splendid integrity of character is dominating the activities of the institution as it advances to possess its larger heritage.

The name "Texas Christian University" was adopted in 1902 to suit the enlarged purposes and work of the school, while the name "Add-Ran" with its multitude of historic associations was retained as the designation of the College of Arts and Sciences, the central college of the University.

The burning of the main building, March 22, 1910, together with a liberal offer of money and site by the citizens of Fort Worth, afforded an opportunity to remove the University to a city larger and nearer to the center of patronage.

In going to Fort Worth, Texas Christian University possesses the advantage of contact with a center of trade and influence for the whole Southwest.

The institution is now entering upon a campaign for one million dollars of productive funds, with every indication of success.

T. C. U. has had four presidents: Addison Clark, E. V. Zollars, Clinton Lockhart, and the present incumbent, Frederick D. Kershner.

II

LOCATION, BUILDINGS, GROUNDS

Fort Worth is one of the most rapidly growing cities of Texas, and one of the largest, most substantial and most prosperous centers of trade and thought in the whole Southwest. The city is well built, well paved and thoroughly up-to-date. As a railroad center of note, it is easily accessible from all quarters. It is well drained, has an abundant supply of the best artesian water; and statistics show that it is one of the most healthful cities in the Union. Before all things else, perhaps, it is a good residence city. Beautiful homes and well-kept lawns and streets

testify to the character and taste of its citizens. Its public educational facilities are excellent; in addition it has many private schools and several institutions of higher learning. Without doubt, it is the greatest educational center in the State.

The University is situated on an elevated location in one of the southern suburbs, about two and a half miles from the Union Station. It is, thus, so removed from the smoke and bustle of the city as to have all the healthfulness and freedom of the country; yet through its connection by electric car line with the down-town district it is a matter of only a few minutes' ride to reach the business center of the city. The campus comprises some fifty acres of land, all of which is to be platted and adorned by a landscape artist. The buildings are tastefully disposed and constructed according to a suitable and uniform style of architecture. The elevation affords a commanding view of the city beneath and large vistas of the surrounding country.

Thus fortunately situated, Texas Christian University offers the advantages of both country and city life, the disadvantages of both being eliminated. It is a location that cannot be surpassed.

ADMINISTRATION BUILDING

The Administration Building is a massive four-story structure, built of re-enforced concrete throughout, and is absolutely fireproof. Floors, ceilings, staircases,—all parts of the building except doors, windows and facings for them, are completely incombustible. The style of architecture is severely classical, and is entirely in keeping with the high ideals of the school. The dimensions of the building are 200x135 feet.

The first floor contains class rooms, the dining hall and kitchen, toilet rooms, store rooms for various purposes and laboratories for biology and geology. The dining room is seventy feet long by fifty feet wide, and will seat five hundred people. The class rooms are splendidly equipped throughout with the latest apparatus and furniture.

The second floor contains the chapel, office rooms, library, class rooms, and laboratories for physics and chemistry. The equipment of the science rooms is thoroughly up-to-date, and the student has no lack of opportunity for securing adequate

information through experimental methods. The chapel is one of the finest in the South. Its dimensions are ninety by fifty feet. The platform is thirty-six by thirty feet in size, and is well equipped with dressing rooms on the wings. The acoustic properties of the chapel are excellent, and the seating capacity, counting gallery space, is over one thousand.

The third floor is devoted to class and recitation rooms throughout, and it is safe to say that no more suitable and complete equipment for class room or lecture work is to be found in any institution in the land. A notable feature is the addition of a private office to each department class room for the use of the professor in charge. The rooms, all of ample size, are well heated and lighted, and are provided with the most approved furniture.

The fourth floor contains the Department of Fine Arts, including Music, Painting and Oratory; the Business College; and the halls for the literary societies. The Music Department is equipped with new Knabe pianos, and has splendid practice and instruction rooms. The Business College is allotted ample space and is also well furnished. The literary societies have beautiful halls. The liberality of the alumni will doubtless give these halls the equipment to which they are entitled. All in all, in the Administration Building, Texas Christian University has a work-shop worthy of her ideals and unexcelled in facilities for producing that culture which is the object of the school.

JARVIS HALL

The new dormitory for young ladies is beautiful in form and finish, and is an exquisite product of the builders' art. Severely in harmony with the general plan adopted for the group of University buildings, its classic grace and dignity are not only restful to the eye, but are also an inspiration to noble thought and life. Like the Administration Building, it is constructed of re-enforced concrete throughout, and is therefore absolutely fireproof. A fire could be kindled on the floor of any room without harming the building in any respect aside from blackening the door facings and walls, and cracking the glass of the windows. The building contains eighty rooms of ample size. Each room has two closets, water and electric lights, and is equipped

with the most up-to-date furniture. The parlors on the lower floor are spacious and beautifully furnished. The building is heated throughout by steam, and every modern convenience to be found in a first-class hotel is provided. Thoroughness and comfort without extravagance is the guiding principle everywhere. Jarvis Hall was named for Major and Mrs. J. J. Jarvis of Fort Worth. It is 175 feet long by 45 feet wide.

GOODE HALL

Goode Hall, so named because of the liberality of Mrs. M. A. Goode of Bartlett, Texas, who was one of the principal donors to the building fund, is a substantial structure 130x40 feet, built of re-enforced concrete throughout, and therefore like the other buildings on the campus absolutely fireproof. The style of architecture is classical, and harmonizes with the Administration Building and the Young Ladies' Home. Like the other buildings, Goode Hall is heated by steam from a central plant, and is lighted by electricity. It contains fifty-four living rooms, besides lavatories, dining hall, kitchen, and the plant of the University Print Shop. The building is designed especially for ministerial students, and affords an opportunity for securing room and board at an exceptionally low cost, the dining room and kitchen being placed at the disposal of the Ministerial Boarding Club. Ministerial quarters in most schools lack in efficiency and comfort what they gain in economy. This is not true, however, at T. C. U. Goode Hall is, in every respect, a credit to the institution and to the work which it represents.

CLARK MEMORIAL HALL

A three-story concrete building, very similar in many respects to the Girls' Home, is now being erected for young men in honor of the two brothers, Addison and Randolph Clark, founders of the institution. It is to have equal conveniences and equipments with the other buildings. It will accommodate one hundred and fifty students. The cornerstone was laid, with appropriate exercises, June 12, 1912.

HEATING PLANT

The University owns and operates its own heating and light-

ing plant. From one set of boilers steam is conducted to all the University buildings, and every room throughout is thus heated by steam. In connection with the boilers of the heating plant, a dynamo is operated, by means of which all the buildings on the campus have electric light service.

LABORATORIES

The laboratory facilities of the University afford opportunity for individual experiment and investigation in the fields of Chemistry, Physics and Biology. The aim is to give the student such a first-hand acquaintance with the facts in connection with the subject of study that he may be led to a direct comprehension and immediate knowledge of the laws of nature involved. In each of the laboratories provision is made for carrying out, in full, the courses outlined for its respective department. The advanced courses in Physics are concerned chiefly with matters of quantitative measurement. The biological laboratory, in addition to the apparatus necessary for satisfactory handling of fresh material—much of it may be collected in the immediate vicinity—has in alcoholic preservation a collection of specimens selected with reference to a comprehensive study of the differences as well as the resemblances of many forms of life, from the study of which the student may obtain an intelligent view of the important subject of classification.

III

GOVERNMENT AND ORGANIZATION

When Add-Ran University became the property of the Christian Churches in Texas, delegates from the associated churches assembled in convention, elected a Board of Trustees, each to hold office four years, that should, in the name of the church, control the affairs of the institution. This Board was made self-perpetuating, the term of office for part of the membership expiring each year, the remaining members filling the vacancies by election, provision being thus made for a change of the personnel of the whole Board every four years. The functions of the Trustees were, and are, to provide what in their judgment

may be necessary for the effective working of the school, to meet, in as far as financial conditions may warrant, the demands of its growth and enlargement, and to govern either mediately or immediately the institution committed to its charge. Associated with the regular Board, and sharing more or less in the responsibilities, is an Advisory Board, elected or re-elected annually by the Executive Board.

The immediate government of the internal affairs of the University the Trustees have delegated to a President and Faculty, whose functions and powers are such as usually appertain to Presidents and Faculties in similar institutions. The Trustees, however, reserve to themselves the supreme authority in all things.

In the organization of the University the same principles have been observed as obtained in the organization of the institution at the beginning. Texas Christian University is an association of schools and colleges under one management, directed to one common purpose. To a certain extent they are independent of one another; each has a distinct function, yet all partake of, and contribute to, the life and work of the University.

IV

LIBRARY AND READING ROOM

A large room—24x36 feet—on the ground floor of one wing of the Main Building is used as a library and reading room. It is admirably suited to this purpose, being well lighted and ventilated. Already since the fire a large number of books and magazines have been collected, and other additions will be rapidly secured. The Library Association is planning to purchase at once the leading new books for each department. Though for a time the library will not be large, it will be at least up-to-date. This will greatly enhance its value and usefulness as a college working library.

Students in the more advanced classes are sent to the library to consult reference books and to do collateral reading. The Dewey system of cataloging is used, which renders it the more

serviceable. The leading periodicals are kept on file, giving the student opportunity to inform himself of current events. The library is freely used by an increasingly large number of students. It is open from 8:30 a. m. to 5 p. m., and is in charge of a professional librarian.

The Carnegie Library of the city of Fort Worth, a large and splendid collection of books, is also easily available to students of the University.

V

STUDENT PUBLICATIONS

THE BULLETIN

The bi-monthly periodical is the official medium of communication between the school and its friends. The May number is the annual Catalogue. The other numbers contain announcements; past and future happenings of interest to the patrons, news of Faculty changes, of the work of the churches for the school, the progress of Education Day, plans, improvements, etc. It is well filled with facts that the people ought to know, and told in a style readable and interesting.

The Bulletin will be mailed regularly to every friend who will indicate a desire for it. The University desires to keep its friends informed of its progress.

Besides *The Bulletin* and other matter issued by the University authorities, two periodicals reflecting the inner life and various activities of the school are published by the students: *The Skiff* and *The Horned Frog*.

THE SKIFF

A weekly publication, popular in character, giving the news of the institution. The paper is growing in favor, and has one of the largest lists among college papers in the State of Texas.

THE HORNED FROG

This is the College "Annual," and comes from the press near the close of the session. It is a neat book of some two hundred

pages, reflecting all sides of college life from its more serious phases to the jokes and pranks which grow out of warm friendship and good will. It is the one publication which the student feels he must take home with him. It serves as the best exhibit he can make to his friends of the inner life of the school, and in years to come it revives the most delightful memories of his college experiences.

THE MICROBE

The Medical College students also publish an excellent monthly journal known as the *Microbe*. It is one of the best college publications of its class.

VI

STUDENT ORGANIZATIONS

ORATORICAL ASSOCIATION

The purpose of this association is to promote oratory in its best sense among its members, and, as far as may be, throughout the school. All oratorical contests are under its supervision, and it elects delegates to the State Oratorical Association, of which it is a member.

UNIVERSITY CHURCH

Regular Sunday services are held in the Chapel for the benefit of teachers, students and neighbors of the University. Every effort is made to encourage the religious life of the students.

SUNDAY SCHOOL

Every effort is put forth to make the University school a model Sunday School. Most of the classes are taught by members of the Faculty, men and women who are well equipped for the work. Practically every student in the University is a member of the Sunday School.

STUDENTS' VOLUNTEER BAND

The band is composed of young men and women who are preparing for work in the foreign field. They have expressed

a willingness to go wherever the Foreign Board may deem it best to send them. They meet weekly for the purposes of devotion, for intelligent study of the mission fields and for increasing missionary interest.

Y. M. C. A.

Since its organization at Texas Christian University the Y. M. C. A. has been an important factor in college life. It has taken a firm hold on religious affairs, and has been helpful in every Christian work and in deepening spirituality among the students. The work of the Y. M. C. A. is undenominational. Its object is to promote spiritual growth, fellowship and strenuous Christian living among the men.

The Association meets once a week for practical purposes and to consider questions of practical work among the students.

Y. W. C. A.

This organization fills a place among the young women similar to that of the Y. M. C. A. among the young men. During the past year it has been especially active and has accomplished much good.

THE MINISTERIAL ASSOCIATION

The Ministerial Association is an organization composed of students preparing for the ministry. It meets every Friday evening. Discussions of themes related to practical church work, sermons, etc., are held at these meetings. Occasional addresses are given by visitors. In this organization the more mature ministers assist the younger ones in obtaining work among the churches, and render all possible help in various other matters.

LITERARY SOCIETIES

The University maintains five literary societies, the Add-Ran and the Shirley for college young men, the Clark and the Walton for the college young women, and the Roberts for preparatory students. These societies have their own halls, and from time to time render public programs. Their work is of the highest class.

VII PRIZES

SOCIETY PRIZES

1. *The T. E. Shirley Prize.* The former President of the Board of Directors offers annually a \$20.00 gold medal to the student in the Shirley Society making the best grade in scholarship and general work.

2. *The J. T. McKissick Prize.* Mr. McKissick offers \$10.00 to the best worker in the Add-Ran Literary Society.

3. *Van Zandt Jarvis Prize.* A \$10.00 gold medal is given to the best worker in the Walton Literary Society.

4. *Judge E. H. Smith Prize.* A cash prize of \$50.00 is awarded for the highest average in the Department of Chemistry.

In order to compete for this prize the student must be enrolled for at least one full course (12 hours), *i. e.*, four hours per term for three consecutive terms, in the Department of Chemistry, and an additional amount sufficient to aggregate 14 hours per term, or 42 hours per session.

THE MABEL SMITH DIAMOND MEDAL

Miss Mabel Smith, of Fort Worth, of the class of 1911, offers a \$100.00 diamond medal to the successful contestant for the honor of representing Texas Christian University in the Inter-Collegiate State Oratorical Contest.

SCHOLARSHIPS

One free literary scholarship is awarded to the student making the highest record in the Senior Academy class, and in each class of the College of Arts and Sciences. In making this award, proper account is taken of the student's general bearing and conduct.

HIGH SCHOOL SCHOLARSHIP

A free literary scholarship is given to the honor graduate of any High School that is affiliated with the Texas Christian University.

A LOAN SCHOLARSHIP

A friend to the institution authorizes two scholarships of \$125.00 each to two students nominated by the Faculty.

MALCOLM H. REED ORATORICAL PRIZE

Mr. M. H. Reed, of Austin, Texas, offers a beautiful solid gold watch to the winner of an inter-society oratorical contest. This contest has become one of the features of commencement week.

GOUGH TROPHY

The Gough Trophy is a beautiful cup given by Dr. R. H. Gough to the society standing first in a series of inter-society contests.

MEDICAL COLLEGE PRIZES

THE BURTS GOLD MEDAL

Awarded by the Faculty of the Medical College, in memory of the late Dr. W. P. Burts, formerly Professor of Obstetrics in the college. It will be presented to the first course student who receives the highest grades upon the work of the Freshman Class.

SECOND YEAR PROFICIENCY PRIZE

Will be presented to the second year student in the Medical College who receives the highest grades upon the work of the Sophomore year. It consists of a selection of medical books, valued at \$25.00.

THIRD YEAR PROFICIENCY PRIZE

To the Junior student passing the best final examination on the branches of the third year, a selection of medical books valued at \$25.00.

GENERAL PROFICIENCY PRIZE

This is awarded only to students who have taken all of their courses in this school, and is presented to the student making the highest percentage during the four terms necessary to graduation. It will not be awarded except to students whose general average on final examinations is 90 per cent or over. Grades made in special or private examinations will not be considered. The prize is a handsome gold medal.

THE DEGREE CUM LAUDE

The degree of Doctor of Medicine, Cum Laude, is conferred upon the students of marked ability and high moral character who shall have made an average of 90 per cent or more on all final examinations in all branches of the four-year course in this institution. Grades made in special or private examinations will be considered.

VIII

RULES AND REGULATIONS

MORALS AND DISCIPLINE

It sometimes happens that students, away from home for the first time and free from paternal authority and the restraining influence of home life, retrograde morally. Usually, we may add, the tendencies under changed conditions depend largely upon the stability of character as established by home training. The Faculty of Texas Christian University is pledged to make the morals of students a matter of prime concern.

Certain guiding principles are observed in administering the discipline of the school. These are held as fundamental and necessary in maintaining strong, consistent discipline. On the one hand, we recognize that right motive is the chief element in conduct, that self-discipline is the best of discipline, that the subtler influences of a healthful atmosphere and of a correct school sentiment must constitute the chief reliance for good government. On the other hand, there is a place for the strong arm of authority, and it will be exercised promptly and without apology when occasion demands.

The discipline proceeds upon the assumption that the students are gentlemen and ladies who are actuated by high motives and lofty ideals. They are not treated as children, but rather as young men and women who are responsible in large measure for their own conduct. They are not burdened with many rules, but each one is expected to be a law unto himself, because he has arrived at the age when he is governed on the high ground of principle. A few regulations are intended chiefly as reminders of matters of propriety that grow out of the community life as a University that might be otherwise overlooked, even by well-meaning students.

Every effort is put forth to make the students' surroundings ideal by fostering the best influences. They are carefully guarded against the allurements of the city. Younger students will not be allowed to visit the city without permission, which will be withheld unless a good reason is offered. Standing accounts must not be contracted with merchants. In this we beg the co-operation of parents. Do not allow students an unnecessary amount of spending money.

Students finding it necessary to be out of the city must obtain leave of absence from the Dean.

Any student desiring to withdraw from the institution before the time for which he matriculated has expired, must report to the Dean before withdrawal.

The spirit of the school is thoroughly democratic. No secret societies are allowed. Hazing is positively forbidden. Character and conduct, not clothes and money, determine the students' standing. Those working their way stand as well as any, if they are in other respects deserving. The students who are earning their way by doing janitor or dining-room service are usually among the best of students.

By a resolution of the Faculty adopted in 1911-12, every young man entering the University is required to sign a statement before matriculation to the effect that he will abstain from class rushing or hazing while a student in the institution.

ROOMING IN THE COLLEGE BUILDING

All students, male and female, are required to room and board in the college buildings, except by special consent. Stu-

dents will not be received who board or room in private homes without special permission. No student will be matriculated who disregards this ruling of the Board of Trustees. The financial needs of the school are such as to demand the full support of every patron—and every patron will receive fair compensation. Although frequent changing of rooms is discouraged, the Faculty reserves the right to make such changes at any time as may be deemed best.

IX

ATHLETICS

Believing that physical exercise is essential to mental development and that healthful sports tend to increase college loyalty, the University at all times encourages the student to participate in college sports and exercises for the purpose of fostering his physical man. A professional physical director is employed by the Board of Trustees who is thoroughly abreast of the times in all forms of indoor and field athletics. His work among the students is one of the valuable feature of the school. The young women have daily exercise.

The athletic association has done much to develop an enthusiastic interest in athletic sports. Under its direction tennis clubs are organized with several courts. Football and baseball teams are organized and trained. For several seasons the baseball team held the State college championship.

The following rules governing the intercollegiate games will be strictly enforced:

1. Students must maintain satisfactory standing in their classes, must have entered by the dates set by the State Association, must not have played on a college team as many as four years, and must be carrying as many as twelve hours a week in literary work, in order to hold a position on any University team.

2. The games away from Fort Worth are limited to three trips in the fall and three in the spring term.

3. A professor chosen by the Faculty must in all cases accompany the team when they go away to play.

4. A student must maintain gentlemanly speech and conduct

on the home grounds and abroad, and must play honorably and fairly, or lose his place in the team.

X

ENDOWMENT

The Board of Trustees are practicing the most rigid economy compatible with efficient work; still they are greatly hampered by lack of money. The possibility of permanently doing real college work without endowment is no longer entertained by those who are conversant with the necessities of a modern college in the matter of men and equipment. If the question of endowment is not pressed in the immediate future, it must not be understood that its necessity is not recognized. It will follow immediately upon the adjustment of other matters which of right should precede it. In the meantime any contribution to the endowment fund will be most thankfully received, and sacredly set apart for any special department indicated by the donor.

FORM OF BEQUEST

The following form should be used by persons desiring to bequeath property to the University:

I hereby give and bequeath to Texas Christian University, located at Fort Worth, County of Tarrant, State of Texas, the sum of.....dollars, to be used (here state for what, if any, particular purpose, it is to be used. If the bequest is real estate it should be carefully described. Be particular about conforming to the laws of your State).

L. C. BRITE BIBLE CHAIR

Through the liberality of Mr. L. C. Brite, of Marfa, Texas, the English Bible Chair in the University is now endowed in the sum of twenty-five thousand dollars.

HUBBARD ENDOWMENT FUND

As the catalogue goes to press, we are informed that Mrs. Mary J. Hubbard, of Celina, Texas, has contributed fifty thousand dollars to our endowment fund, the same to constitute the Hubbard Foundation.

XI

EXPENSES*

TUITION

	Fall Term.	Winter Term.	Spring Term.	Single Month.
College of Arts and Sciences.....	\$24.00	\$18.00	\$18.00	\$ 7.00
The Academy	24.00	18.00	18.00	7.00
College of Fine Arts:				
<i>Music</i> —Piano under the Director...	50.00	37.50	37.50	13.00
Piano under Mr. Techau.....	36.00	27.00	27.00	10.00
Piano under Miss Ault.....	36.00	27.00	27.00	10.00
Violin	40.00	30.00	30.00	11.00
Voice	40.00	30.00	30.00	11.00
Sight Singing	8.00	6.00	6.00	3.00
Harmony, private lessons	28.00	21.00	21.00	8.00
Harmony, class	16.00	12.00	12.00	5.00
Normal course in piano.....	12.00	9.00	9.00	3.00
<i>Oratory</i> —Private lessons	32.00	24.00	24.00	9.00
<i>Art</i> —Painting and drawing	28.00	21.00	21.00	8.00
China painting	32.00	24.00	24.00	9.00
College of Business:				
Complete course in Accounting, Banking, Commercial Law and Typewriting	25.00	20.00	20.00	8.00
Complete Stenographic course, Typewriting and Commercial Law	25.00	20.00	20.00	8.00
Both the above courses combined	30.00	25.00	25.00	9.00
Typewriting alone	4.00	3.00	3.00	1.25
Banking alone, complete course	10.00	....	....	....
One hour daily in above courses	8.00	6.00	6.00	2.50
College of the Bible:				
Complete tuition for the year..	25.00	....	....	....

*Please read PAYMENTS—SPECIAL NOTICE on next page.

FEES

Fees—Matriculation fee, paid by all students, \$12.50 for the year.

Piano practice, \$1.50 per month for each hour per day.

Piano practice, unlimited time, \$5.00 per month.

Typewriter rent, \$1.50 per month or \$5.00 for the Fall Term and \$3.75 for each of the others.

Adding Machine rent, \$2.50.

Laboratory Fees:

Chemistry	\$5.00 per term
Biology	4.00 per term
Physics	3.00 per term
Geology	2.00 per term

Each student in Chemistry is required to make a deposit of \$5.00 to cover breakage. At the end of the year this deposit less the amount of breakage will be refunded.

BOARD AND ROOM

	Fall Term.	Winter Term.	Spring Term.	Single Month.
Board	\$56.00	\$42.00	\$42.00	\$15.00
Room rent	24.00	18.00	18.00	6.50
Room rent, ministerial students in				
Goode Hall	12.00	9.00	9.00	3.50

Ministerial students in Goode Hall Boarding Club pay actual cost of club board assessed among members.

The tuition fees in the College of Arts and Sciences and the Academy for ministerial students and children of ministers solely dependent upon the ministry for support are \$2.50 per month.

Half time students are charged 60 per cent of full rates.

The fees in the College of the Bible for the year are payable in advance and no fee is refunded.

The matriculation fee covers all University charges for use of library, athletic director, and physical culture.

ESTIMATE OF TOTAL EXPENSES FOR THE YEAR

Tuition, College or Academy	\$ 60.00
Board and room	200.00
Matriculation	12.50
Books, laundry and incidentals	25.00

Total \$297.50

Music students should add from \$90.00 to \$200.00 to the above, according to courses selected. Ministerial students need not expend over \$175.00 per year for everything.

DISCOUNTS

Students in special departments may take studies in the Literary Department at \$5.00 each for the Fall term and \$4.00 for the Winter or Spring term, or \$1.50 per month. Students taking full work in two special departments or double work in one special department or two students from one family will receive 10 per cent discount on tuition. For full work in three or more special departments 20 per cent discount in tuition will be allowed.

Students having paid board for the term in advance who leave before the end of the term because of sickness will be charged board at the monthly rate for the time up to and including the week of withdrawal, and the balance paid will be refunded. Tuition and entrance fees are not refunded. No student is received for less than one term without previous agreement.

All privileges of the school are open to students during the Christmas holidays except class room work.

A WORD WITH PARENTS CONCERNING EXPENSES

Sometimes parents complain that it costs too much to send their children away to school, but generally this complaint grows out of the unnecessarily extravagant habits of students, which are permitted by parents. Students write home for money and parents respond when often it would be far better to refuse the request. Inexperienced boys and girls are very poor judges of the amount of money they need for spending, and some fritter away considerable sums in worse than needless ways. Money

should be deposited with the school, and it will be paid out as ordered by the parent. Parents should not permit students to run accounts in the city and complain of the bills from the University.

PAYMENTS—SPECIAL NOTICE

The Trustees have ordered that the accounts of a student for tuition, fees, board, room and supplies for each term must be paid at the time of enrollment, or otherwise he cannot hold a place in any class or department of instruction. It is ordered that all business of the University be placed upon a strictly cash basis. Patrons who are unable to procure commercial endorsement from their friends must pay cash.

EXPENSES IN THE MEDICAL COLLEGE

The wide range between actually necessary expenses and the amount one might spend in a medical course precludes exactness in preparing a statement of this kind. The figures given below were based upon the experience of a large number of students. A little more liberal expenditure of money will secure better accommodations, but for the figures used in this estimate wholesome food and comfortable lodgings can be obtained. The tuition, \$100.00, one-half of which is payable at the opening of school and one-half at the beginning of the second semester, is the same for all students and is uniform for each of the four years of the medical course.

ESTIMATE OF EXPENSES

Matriculation fee (paid but once).....	\$ 5.00
Tuition for term of thirty-two weeks.....	100.00
Board and lodging for thirty-two weeks....	130.00
Laundry	25.00
Incidentals	45.00
Total	\$305.00

No allowance is made in this estimate for the purchase of text-books. Every student, in making his financial arrangements at home, should provide himself with means to purchase one of the recommended texts for each of the branches he expects to study, and should purchase them at the time of matriculation. It is not infrequent that poor grades are directly traceable to the want of necessary books, made doubly essential since the method of teaching by lectures has given way to recitations.

LABORATORY FEES

Students are required to deposit with the Registrar the following laboratory fees, the whole or a part of which is returnable in case of material unused or apparatus returned: Osteology, \$2.00; Chemistry, \$3.00; Pharmacy, \$4.00; Bacteriology, \$5.00; Histology, \$5.00; Pathology, \$5.00.

BOOKS IN SCHOOL OF MEDICINE

The following is a conservative estimate of the amount of money usually spent for text-books, all of which may be obtained of Mr. D. J. Saunders, at the Dean's office:

Freshman Year	\$40.00
Sophomore Year	22.00
Junior Year	40.00
Senior Year	55.00

FEES FOR EXAMINATION IN SCHOOL OF MEDICINE

No fees are charged in this school for examination, except the finals in the fourth year. Students applying for graduation are required to pay an examination fee of \$25.00, which is not returnable in case applicant fails to pass. No fee will be charged for diploma.

FEES IN SCHOOL OF PHARMACY

Matriculation	\$ 5.00
General Lecture and Laboratory Ticket:	
Junior Year	60.00
Senior Year	60.00
Graduation Fee	15.00

A deposit of \$10.00 will be required to cover cost of drugs, chemicals and materials used in pharmacy laboratory work; a deposit of \$3.00 for chemical laboratory work; also \$1.00 for laboratory fee in botany and vegetable histology.

XII

STATEMENT OF THE RELATION OF AFFILIATED HIGH
SCHOOLS AND ACADEMIES

It is recognized that the definite affiliation of secondary schools with the colleges brings valuable advantage all around; to the pupils in the readiness of passing from one school to the other, to the High School in securing a standardized course, to the College in receiving prepared matriculates, and to the general spirit of education in directing an increasing number to a higher grade of training. Hence it is the desire of the management of Texas Christian University, not only to arrange definite affiliation with High Schools and Academies, but it is their hope also to be able to co-operate with all the institutions, standardizing the courses and elevating the ideals of the general public in educational matters.

The movement for the adoption of a general standard of College entrance requirements is one of progress. In accord with it, the Faculty of T. C. U. has announced that hereafter the entrance requirements will be expressed in terms of "units" instead of "credits" as heretofore; and that 14 units will be required for entrance into the Add-Ran College of Arts and Sciences. It is the fixed purpose to maintain the requirements and that a standard college course and degree be given.

1. Schools will be affiliated by subjects. Affiliation in any subject means that the school prepares its graduates to enter the Freshman year in that subject. The scope of work covered in such case may be seen by reading the outline of the courses for the Academy in this Bulletin.

2. Schools to be in *full affiliation* must prepare the students in a sufficient number of subjects to aggregate 14 units. They will then be admitted to the Freshman Class without condition. If optional courses are offered by such a school, a certificate should be furnished each student showing what courses have been actually completed.

3. *Partial affiliation* is granted to schools that are accepted in the subjects: English, 3; Mathematics, 3; History, 2, or more. Pupils from such schools will make up their remaining credits in the classes of the Academy, which can be done very conveniently.

4. While schools below this standard may not be recognized as affiliated at all, they may arrange to enter their students in the classes of the Academy at the proper point, by sending certificates showing the standing of the pupil.

5. *To Obtain Affiliation*.—If affiliated with the University of Texas, a school is accepted without further evidence, and will be put on our list, after writing a letter stating the desire, or filling out our blank.

Other schools will be furnished application blanks, on request, and when the courses described by these are approved, specimen papers may be called for, and a visit made to the school.

No school of this class is expected to be accepted without a visit from our representative.

6. Below is a table of the values attached to the various subjects when prepared up to the point indicated by the course outlined for our Academy, which conforms to that which is standard among colleges.

For Freshman standing a pupil must present 14 units, of which the following are prescribed: English, 3; Mathematics, 3; History, 2; Physics, 1; Foreign Language, 3 (of which 2 must be an ancient language).

English	3
Mathematics	3 or more
History	2 or 3
Latin	3
German	2
French	2
Spanish	2
Greek	2
Physics	1
Chemistry	1
Physiography	$\frac{1}{2}$
Physiology	$\frac{1}{2}$
Civics	$\frac{1}{2}$
Botany	1
Zoology	1

Where courses are carried beyond the specified advancement extra credit will be given.

All those High Schools in the State of Texas that are affiliated with the State University, partially or fully, are to the same extent considered in affiliation with Texas Christian University. Hereford College and Midland College are correlated with this University by organization and arrangement of courses of study. Any affiliated High School is entitled to a free scholarship for the graduate of highest grade each year, good for literary studies during the following session of the University.

The following schools are affiliated in full or in part with Texas Christian University, but this list was completed too late to get these schools carefully classified, with reference to credit allowed, before going to press.

LIST OF AFFILIATED SCHOOLS

Abilene High School, Abilene, Texas.
Alvarado High School, Alvarado, Texas.
Alice High School, Alice, Texas.
Ball High School, Galveston, Texas.
Ballinger Hill School, Ballinger, Texas.
Beaumont High School, Beaumont, Texas.
Belton High School, Belton, Texas.
Bonham High School, Bonham, Texas.
Big Springs High School, Big Springs, Texas.
Blinn Memorial College, Brenham, Texas.
Bowie High School, Bowie, Texas.
Brady High School, Brady, Texas.
Brenham High School, Brenham, Texas.
Britton's Training School, Cisco, Texas.
Brownwood High School, Brownwood, Texas.
Bryan High School, Bryan, Texas.
Burnett High School, Burnett, Texas.
Caldwell High School, Caldwell, Texas.
Cameron High School, Cameron, Texas.
Calvert High School, Calvert, Texas.
Center High School, Center, Texas.
Coleman High School, Coleman, Texas.
Colorado High School, Colorado, Texas.
Comanche High School, Comanche, Texas.
Conroe High School, Conroe, Texas.
Corpus Christi High School, Corpus Christi, Texas.
Corsicana High School, Corsicana, Texas.
Crockett High School, Crockett, Texas.
Denton High School, Denton, Texas.
Dublin High School, Dublin, Texas.
Dallas High School, Dallas, Texas.
Ennis High School, Ennis, Texas.
Elgin High School, Elgin, Texas.
Fort Worth High School, Fort Worth, Texas.
Gainesville High School, Gainesville, Texas.
Garland High School, Garland, Texas.

Greenville High School, Greenville, Texas.
Gatesville High School, Gatesville, Texas.
Groesbeck High School, Groesbeck, Texas.
Haskell High School, Haskell, Texas.
Henderson High School, Henderson, Texas.
Hico High School, Hico, Texas.
Hillsboro High School, Hillsboro, Texas.
Houston High School, Houston, Texas.
Houston Heights High School, Houston Heights, Texas.
Hubbard High School, Hubbard, Texas.
Italy High School, Italy, Texas.
Itasca High School, Itasca, Texas.
John C. French High School, Cuero, Texas.
Ladonia High School, Ladonia, Texas.
Lampasas High School, Lampasas, Texas.
Llano High School, Llano, Texas.
Lockhart High School, Lockhart, Texas.
Mansfield High School, Mansfield, Texas.
Marble Falls High School, Marble Falls, Texas.
Marshall High School, Marshall, Texas.
Mart High School, Mart, Texas.
Merkel High School, Merkel, Texas.
McKinney High School, McKinney, Texas.
McGregor High School, McGregor, Texas.
Midland High School, Midland, Texas.
Midland College, Midland, Texas.
Mineola High School, Mineola, Texas.
Mineral Wells High School, Mineral Wells, Texas.
Navasota High School, Navasota, Texas.
Orange High School, Orange, Texas.
Palestine High School, Palestine, Texas.
Paris High School, Paris, Texas.
Pilot Point High School, Pilot Point, Texas.
Plano High School, Plano, Texas.
Port Arthur High School, Port Arthur, Texas.
Quanah High School, Quanah, Texas.
Roswell High School, Roswell, New Mexico.
San Angelo High School, San Angelo, Texas.
San Saba High School, San Saba, Texas.

San Marcos High School, San Marcos, Texas.
 Seymour High School, Seymour, Texas.
 Sherman High School, Sherman, Texas.
 Smithville High School, Smithville, Texas.
 Snyder High School, Snyder, Texas.
 Sulphur Springs High School, Sulphur Springs, Texas.
 Sweetwater High School, Sweetwater, Texas.
 Taylor High School, Taylor, Texas.
 Temple High School, Temple, Texas.
 Terrell High School, Terrell, Texas.
 Troupe High School, Troupe, Texas.
 Tyler High School, Tyler, Texas.
 Uvalde High School, Uvalde, Texas.
 Van Alstyne High School, Van Alstyne, Texas.
 Vernon High School, Vernon, Texas.
 Victoria High School, Victoria, Texas.
 Waco High School, Waco, Texas.
 Waxahachie High School, Waxahachie, Texas.
 Weatherford High School, Weatherford, Texas.
 Wichita Falls High School, Wichita Falls, Texas.
 Wolfe City High School, Wolfe City, Texas.
 Yoakum High School, Yoakum, Texas.

Graduates
and
Matriculates

DEGREES CONFERRED, 1912

MASTER OF ARTS (A. M.)

Albert J. Cruzan, A. B., Texas Christian University, 1910.

BACHELOR OF ARTS (A. B.)

Odessa Allison	Frances Henderson
Vier Allison	Bess McNeill
Mabel Baldwin	Carl Melton
Herbert Bozeman	Daisy Morrow
N. C. Carr	J. J. Murray
Bettie Couch	Will Neis
Milton E. Daniel	Harriette Shirley
Aileen Geiger	Ermine Starkey
Kathleen Gibson	Roy G. Tomlinson
Cullen Graves	G. T. Vickman
Clarence M. Hall	Oscar J. Wise

BACHELOR OF ORATORY (B. O.)

Thomas J. Dean	Juanita Kinsey
W. Clifton Ferguson	Lucile Patterson
Willie Glenn	Roy G. Tomlinson
Frances Henderson	J. Lindley Wood

GRADUATE DIPLOMA IN ORATORY

Mrs. C. I. Alexander, B. O., Texas Christian University, 1911.

DOCTOR OF MEDICINE (M. D.)

Monroe Albert Beckmann	Walter Leggett
Walter Jackson Baze	Bennett Neael Oden
C. E. Boudreau	John Winston Pendleton
Burton R. Carpenter	Theodore B. Reed
Thomas Winfield Dowdy	Walter C. Reinhardt
Douglass Sheares Duncan	Eric W. Stromberg
Earl A. Kester	Webb Walker
John Riley Lewis	W. R. Worthey
Gordon Albert Lillie	

GRADUATE OF PHARMACY (Ph. G.)

James Ernest Carroll	E. S. Reilly
Roy O. Carroll	Renna Mae Smith
W. Taylor George	Henry Houston Terry
P. S. Littlepage	S. Lester Wilson
William L. McKinney	Columbus L. Woods
David E. McNeill	Clyde A. Woodward

GRADUATE NURSE

Stella Holcomb	Elizabeth McCulloch
Clara Turner	

SHORTHAND DIPLOMA

Minnie Lee Frederick	Dorothy Estelle Pollard
Ida Lock	Sarah Gertrude Stewart
Lynette Alice Plumley	Edna Umbenhour

BOOKKEEPING DIPLOMA

R. E. Beal	E. P. Lander
Robert H. Deats	W. B. Lattner
Richard Gentry	Mary Blanche Patterson
B. H. Harrison	Gladys Simpson
Edna Dorothy Hawthorne	Gladys Lucile Strang

ENROLLMENT--SESSION 1911-12

CATALOGUE OF CLASSES*

COLLEGE OF ARTS AND SCIENCES**GRADUATE STUDENTS**

Bateman, John

Smith, O. A.

SENIORS

Allison, Odessa

McNeill, Bessie

Allison, Vier

Melton, C. E.

Arnold, W. A.

Morrow, Daisy

Baldwin, Mabel

Murray, J. J.

Bozeman, H. E.

Nies, W. B.

Couch, Bettie

Shirley, Hariette

Daniel, M. E.

Starkey, Ermine

Geiger, Ailene

Tomlinson, R. G.

Gibson, Kathleen

Vickman, G. T.

Graves, T. C.

Wilson, Boyd

Hall, C. M.

Wise, O. J.

Henderson, Frances

JUNIORS

Bussey, C. H.

Miller, Frankie

Camp, B. H.

McFarland, Gordon

Camp, Ray

McFarland, W. S.

Cockrell, J. W.

Odell, Lela

Collins, N. L.

Parks, Ben W.

Evans, J. E.

Riter, Katherine

Dean, T. J. Jr.

Roberts, Mildred

Ferguson, W. C.

Rogers, H. E.

Hackney, Grace

Stewart, Grover W.

Kinsey, Juanita

Triplett, Grady

Lavender, Grady

Wade, Libbie

Lucas, Howard

Wilkes, Lois

Mason, McXie Mae

*This classification must not be presumed to be final in all cases.

SOPHOMORES

Agnew, Johnnie
Appleton, Bertis
Baldwin, Fannie
Barnard, Jane
Bevan, R. C.
Brinson, Roscoe
Cox, Jno. P.
Clausell, Fronnie Mae
Cole, Doyle
Dodd, Catherine
Duke, Clifford
Farmer, Jack
Freeman, Allen
Helms, Daphne
Highsmith, Robert
Lattimore, John
Livsey, L. L.
Livsey, C. M.

Mason, Grace
Moffatt, John
Nelson, Ruby
Peacock, Dixon
Parker, Luther
Rawlings, Jno.
Roberts, Catherine
Simpson, Fred
Stirman, W. B.
Stiles, Cecil
Street, Alvin
Tomlinson, E. C.
Tennill, Wm.
Tyson, Amboline
Ware, Bryant
Webb, Sue
Wieland, Emma
Wood, J. L.

FRESHMEN

Agnew, F. B.
Bahan, Mary
Brotherton, Raymond
Brown, Willie
Buck, Raymond
Chilton, Katie Mae
Couch, George
Curby, Quinn
Ewell, Edwin
Gibson, Ellie
Gibson, Margaret
Gillespie, O. H.
Griffing, Aaron
Durham, Ruby
Hailey, Lucile
Heath, Chester

Hills, Alice
Hooper, Chas.
Hooper, J. C.
Hopkins, T. B.
Hulsey, Mae
Jones, Grace
Jones, Horace
Laird, Ailene
McKnight, Ewell
Martin, Elsie
Martin, Elwood
Mershon, Irene
Miller, Carl G.
Miller, Louie
Osteen, Preston
Perkins, Hallie B.

Reed, Elizabeth
Reeves, Jim
Richards, Lucile
Roberts, Clay
Simpson, Nell

Sloan, W. C.
Waggner, Eloise
Woods, Vista
Wright, Lorena

BUSINESS

Appleton, Nannie
Barnes, Bettie
Barnes, Roy K.
Beal, R. E.
Berger, L. C.
Bohning, G. W.
Brown, Ethel
Brown, A. C.
Brown, W. L.
Brown, Wilbur
Bryson, Bryan
Burch, Albert
Byrnes, Mae Belle
Casey, Doc
Chorn, DeWitt
Conner, Henry
Curby, Quinn
Deats, Robert
Duke, Jim
Frederick, Minnie
Gantt, Ben
Gentry, Dick
Goodlett, N. G.
Hanson, Gertie
Hart, Myrtle
Hardison, U. G.
Harrison, B. H.
Hawthorne, Edna
Hughes, J. R.
Hays, Harley
Irvine, Harold

Jackson, H. M.
Johnson, Perry L.
Kelly, Eugenia
Keithley, C. M.
Kincaid, E. D.
Lander, Paul
Lattner, W. B.
Lock, Ida
Mabry, Joe
Maddox, G. L.
Mars, Bert
Matthews, Cecil
Matthews, W. D.
Matthews, Will
Montgomery, Fred
Montgomery, Judge
Moore, Elmer
Morris, Murrelle
Mullins, R. E.
Ricketts, Claude
McDonald, E. A.
Musgrave, Ruth
Newman, Imogene
Oberhoff, Maude
Owens, Lizzie
Plumby, Lynette
Patterson, Blanche
Pollard, Estelle
Redford, Kate
Spain, Robert
Simpson, Fred

Spinks, E. C.
Smith, Mrs. O. A.
Strang, Gladys
Stevens, Elizabeth
Taylor, Edward

Tennill, William
Vann, Myrtle
Ward, Guy
Watts, B. S.
Webster, Ethel

ORATORY

Alexander, Mrs. C. I.
Allison, Odessa
Anderson, Mildred
Brown, Eula
Brown, Wilbur
Brown, Eula
Burry, Katherine
Camp, B. H.
Camp, Ray
Cassell, Carrie
Cole, Doyle
Daniel, M. E.
Dean, T. J. Jr.
Deats, Lorena
Easley, Edith
Ferguson, W. C.

Gardner, Mrs. E.
Glenn, Willie
Howard, Vera
Kinsey, Juanita
Lamonica, Tom
Melton, Carl
McFarland, G. B.
Miller, Louie
Odell, Lela
Patterson, Lucile
Smith, Mabel
Tomlinson, E. C.
Tomlinson, R. G.
Townsend, Bootie
Wood, J. L.

MUSIC

Agnew, Johnnie
Anderson, Louise
Barnard, Jane
Biggs, Lena
Brown, Ethel
Brown, Eula
Braine, Edith
Cannon, Josie
Chilton, Katie Mae
Cobb, Marjorie
Dean, Myrtle
Dodd, Catherine
Durrett, Edith

Easley, Edith
Freeman, Ethel
Fred, Fanny
Fred, Ida
Fred, Lilly
French, Evelyn
Hailey, Lucile
Helms, Daphne
Hills, Alice
Harrison, Lill
Haywood, Mrs. H.
Henderson, Elizabeth
Hulsey, Mae

Jackson, Ford
Lace, Beatrice
Mabee, George
Mason, Grace
Mason, McXie Mae
McNeill, Bess
Morris, Murrell
Moore, Willie
Patterson, Lucile
Potts, Edna Mae
Peeples, Mrs. Homer
Perkins, Hallie Byrd

Reed, Elizabeth
Riter, Katherine
Rockett, Mary
Roling, Ruth
Rogers, Bernice
Shirley, Harriette
Spiller, Ruby
Smith, Alice
Smith, Mabel
Wilkes, Lois
Woods, Vista
Wright, Lorena

ACADEMY

C. CLASS

Axtell, Josephine
Bates, Graham
Duke, Jim
Durrett, Edith
Ethridge, Elmore
Floyd, Effie
Gantt, Ben
Geiger, Paul
Hardwick, H. H.
Irby, Alfred
Jackson, Lucile
Johnson, P. L.
Keithley, C. M.
Lines, W. R.
McConnell, Carroll
McGregor, Eugene
Moore, Albert
Mabry, Joe

Owen, Lizzie
Procter, Minnie
Roberts, Mildred
Shankle, Duke
Shannon, Ira
Smith, Emory
Stringer, Myrtice
Strong, Grace
Ward, Guy
Winston, Barlow
Watson, Shelly
Chesney, Robert
Cory, Louise
Harmonson, A. B.
Jones, Florence
Pendery, Luther
Tucker, Rowan

B. CLASS

Appleton, Nannie
Bates, Joe
Bohning, G. W.
Bowen, Milton
Brown, A. C.
Burry, Katherine
Cassell, Carrie
Craven, Sam
Goodlett, Newman
Hackworth, Louis
Hart, Myrtle
Henderson, Elizabeth
Kelly, Eugenia

Porter, J. D.
Mars, Bert
Moore, R. D.
Ricketts, Claude
Spain, Robert
Spiller, Ruby
Stipp, James
Simpson, Maude
Vann, Myrtle
Williams, Noland
Banes, Roy K.
Taylor, Newton

A. CLASS

Brown, Eula
Batton, Edwin
Chrisman, E. R.
Cope, F. C.
Cheek, Oscar
Couch, Vivienne
Defee, J. E.
Harle, Clarence
Hill, Marvin
Hooper, J. C.
Irvine, Harold
Jackson, Murrell
Justice, Cameron
King, Roy W.

Mabee, Geo.
Matthews, Cecil
Newton, Ross
Richardson, Anna
Roling, Ruth
Stovall, Willis
Scott, S. F.
Snell, Hamp
Stevenson, E. R.
Watts, Ballard
Wilson, E. B.
Woodruff, H. G.
French, C. C.
Crossman, Rodney

SUB CLASS

Bryson, Bryan
Beltz, Guy
Beltz, Viola
Conner, Henry
Farris, Era
Montgomery, Fred

Montgomery, Judge
Newman, Imogene
Outlaw, M. N.
Roling, J. O.
Weddington, Crawford

MATRICULATES*

Agnew, F. B.	Garland, Texas
Agnew, Johnnie	Ravenna, Texas
Alexander, Mrs. C. I.	Fort Worth, Texas
Allen, W. D.	Coleman, Texas
Allison, Mrs. Wilmer	Fort Worth, Texas
Allison, Vier	Fort Worth, Texas
Allison, Odessa	Fort Worth, Texas
Anderson, Ernest	Fort Worth, Texas
Anderson, Louise	Fort Worth, Texas
Appleton, Bertis	Hermleigh, Texas
Appleton, Nannie	Hermleigh, Texas
Axtell, Josephine	Fort Worth, Texas
Arnold, W. A.	Fort Worth, Texas
Bahan, Louise	Fort Worth, Texas
Baldwin, Fannie	Haskell, Texas
Baldwin, Mabel	Haskell, Texas
Banes, Roy K.	Fort Worth, Texas
Barnard, Jno. A.	Dallas, Texas
Barnard, Jane	Sabinal, Texas
Barnes, Bettie	Fort Worth, Texas
Bates, Joe	Fort Worth, Texas
Bates, Graham	Fort Worth, Texas
Batton, Edwin	Denton, Texas
Beltz, Guy	Fort Worth, Texas
Beltz, Viola	Fort Worth, Texas
Berger, L. C.	Fort Worth, Texas
Bevan, R. C.	Fort Worth, Texas
Beal, R. E.	Colorado, Texas
Biggs, Lena	Sabinal, Texas
Blair, Eloise	Fort Worth, Texas
Boger, Alphon	Wichita Falls, Texas
Bateman, John	Eddy, Texas
Bohning, G. W.	Fort Worth, Texas
Bozeman, H. E.	Bartlett, Texas
Bowen, Milton	Fort Worth, Texas
Bradshaw, Clellie	Fort Worth, Texas
Braine, Edith	Sherman, Texas

..*Exclusive of College of Medicine.

Brinson, Roscoe	Timpson, Texas
Brotherton, Raymond	Teague, Texas x
Bond, Tom	Fort Worth, Texas
Brown, A. C.	Pottsburg, Texas
Brown, Ethel	Big Springs, Texas x
Brown, Eula	Big Springs, Texas x
Brown, Will L.	Allen, Texas
Brown, Wilbur	Richland Springs, Texas x
Bryson, Bryan	Comanche, Texas x
Burgess, Frances	Fort Worth, Texas
Buck, Raymond	Fort Worth, Texas x
Burch, Albert	Gainesville, Texas x
Burry, Katherine	Fort Worth, Texas
Bussey, C. H.	Hutchins, Texas
Byrnes, Maebelle	Fort Worth, Texas x
Camp, B. H.	San Gabriel, Texas
Camp, Ray	Pecos, Texas
Cannon, Josie	Hillsboro, Texas
Carr, N. C.	
Casey, Doc	Fort Worth, Texas
Cassell, Carrie	Fort Worth, Texas
Cheek, Oscar	Clint, Texas
Chesney, Robert	Waxahachie, Texas
Chilton, Katie Mae	Goliad, Texas
Chorn, DeWitt	Fort Worth, Texas x
Chrisman, E. R.	Fort Worth, Texas x
Clausell, Fronnie Mae	Albany, Texas
Clendenen, Holly	Fort Worth, Texas
Coates, Mary	Fort Worth, Texas x
Cobb, Marjorie	Fort Worth, Texas x
Cole, Doyle	Belton, Texas
Collins, N. L.	Fort Worth, Texas
Cartor, Mary	Fort Worth, Texas x
Cope, F. C.	Fort Worth, Texas x
Cory, Louise	Fort Worth, Texas x
Cox, Jno. P.	Hillsboro, Texas x
Couch, Bettie	Italy, Texas
Couch, George	Italy, Texas x
Couch, Vivienne	Fort Worth, Texas

Craven, Sam	Fort Worth, Texas
Crawford, Sadie	Alpine, Texas
Crossman, Rodney	Fort Worth, Texas
Cockrell, J. W.	Benton, Ill.
Conner, Henry	Lordsburg, N. M.
Curby, Quinius	Grandview, Texas
Daniel, Milton	Waco, Texas
Dean, T. J. Jr.	Jacksonville, Texas
Dean, Myrtie	Longview, Texas
Deats, Mary L.	Albany, Texas
Deats, Robert	Albany, Texas
Defee, J. E.	Fort Worth, Texas
Dodd, Catherine	Deridder, Texas
Duke, Clifford	Forney, Texas
Duke, Jim	Forney, Texas
Durham, Ruby	Belton, Texas
Durritt, Edith	Fort Worth, Texas
Easley, Edith	Circleville, Texas
Ethridge, Elmore	Aledo, Texas
Evans, J. E.	Granger, Texas
Ewell, Edwin	Beaumont, Texas
Farmer, M. J.	Colorado, Texas
Ferguson, W. C.	Alpine, Texas
Fields, Charlie	Ladonia, Texas
Floyd, Effie	Fort Worth, Texas
Fred, Fanny	Fort Worth, Texas
Fred, Ida	Fort Worth, Texas
Fred, Lilly	Fort Worth, Texas
Frederick, Minnie	Broken Arrow, Okla.
Freeman, Allen	Santa Anna, Texas
Freeman, Ethel	Santa Anna, Texas
French, Evelyn	Fort Worth, Texas
French, C. C.	Fort Worth, Texas
Gantt, Ben	Fort Worth, Texas
Gentry, Dick	Albany, Texas
Geiger, Aileen	Fort Worth, Texas
Geiger, Paul	Fort Worth, Texas
Gibson, Ellie	Winnsboro, Texas
Gibson, Kathleen	Waxahachie, Texas

Gibson, Margaret	Waxahachie, Texas
Gillespie, Oscar	Fort Worth, Texas
Glenn, Willie	Bonham, Texas
Goodlett, M. G.	Randlett, Okla.
Goodman, Mrs. E. L.	Fort Worth, Texas
Graves, Cullen	Hutchins, Texas
Green, Gussie	Fort Worth, Texas
Gregory, E. L.	Fort Worth, Texas
Gresham, Bewley	Cleburne, Texas
Griffin, Aaron	Crowley, Texas
Hackney, Grace	Wortham, Texas
Hackworth, Louise	Aquilla, Texas
Hagemire, Henry	San Antonio, Texas
Hall, C. M.	Madisonville, Ky.
Hall, Maurine	Fort Worth, Texas
Hailey, Lucile	Forney, Texas
Hanson, Gertie	Big Springs, Texas
Hardwick, H. H.	Aquilla, Texas
Harle, Clarence	Fort Worth, Texas
Harrison, B. H.	Troy, Texas
Hart, Myrtle	Eastland, Texas
Harmonson, A. B.	Justin, Texas
Hardison, Ulna G.	Brady, Texas
Haywood, Mrs. H.	Fort Worth, Texas
Heath, Chester	Pecos, Texas
Helms, Daphne	Josephine, Texas
Henderson, Elizabeth	Coleman, Texas
Henderson, Frances	Fort Worth, Texas
Henderson, Venice R.	Coleman, Texas
Highsmith, Robert A.	Italy, Texas
Hills, Alice	Fort Worth, Texas
Hills, Stanley	Munday, Texas
Hays, Harley	Fort Worth, Texas
Hawthorne, Edna	Fort Worth, Texas
Holloway, Juddie	Longview, Texas
Hooper, J. C.	Fort Worth, Texas
Hooper, Chas.	Fort Worth, Texas
Hopkins, T. B.	Cleburne, Texas
Houchins, S. F.	Fort Worth, Texas

Howard, Vera	Quanah, Texas	+
Hughes, J. R.	Lone Oak, Texas	+
Hulsey, Mae	Ladonia, Texas	+
Irby, Alfred	Weatherford, Texas	
Irvine, Harold	Fort Worth, Texas	
Isaacks, E. B.	Midland, Texas	
Jackson, Ford	Alpine, Texas	
Jackson, Lucile	Fort Worth, Texas	
Jackson, Murrell	Fort Worth, Texas	
Johnson, J. D.	Fort Worth, Texas	
Johnson, Perry L.	Fort Worth, Texas	
Jones, Grace	Longview, Texas	
Jones, Horace	Fort Worth, Texas	
Jones, Florence P.	Fort Worth, Texas	+
Jones, R. B.	Loop, Texas	+
Justice, Cameron	Fort Worth, Texas	
Kelly, Eugenia	Sabinal, Texas	
Keithley, Clyde	Dallas, Texas	
Kincaid, E. D.	Uvalde, Texas	+
King, Roy D.	Harold, Texas	+
King, Sidney	Fort Worth, Texas	
Kinsey, Juanita	Fort Worth, Texas	
Kinsey, Mrs. J. W.	Fort Worth, Texas	
Klebold, Henry	Fort Worth, Texas	
Ladd, Homer	Fort Worth, Texas	
Laird, Ailene	Venus, Texas	+
Lamonica, Tom	Fort Worth, Texas	
Lander, Paul	Mesquite, Texas	+
Lard, C. G.	Fort Worth, Texas	
Largent, Charlie Mae	McKinney, Texas	+
Lattner, Willie	Mineral Wells, Texas	+
Lavender, Grady	Lancaster, Texas	
Lattimore, John	Fort Worth, Texas	+
Lightfoot, Martha	Fort Worth, Texas	+
Lines, W. R.	Walters, Okla.	
Little, W. A.	Kennedale, Texas	
Livsey, Annie D.	Longview, Texas	+
Livsey, L. L.	Longview, Texas	+
Livsey, C. M.	Longview, Texas	

Lock, Ida	DeLeon, Texas X
Lockhart, Naomi	Fort Worth, Texas
Luse, Miss	Fort Worth, Texas
Lucas, Howard	Sherman, Texas
Lyon, Eric	Fort Worth, Texas
Lytton, Ilene	Lampasas, Texas X
Mabee, George	Mangum, Okla.
Mabry, Joe	Graham, Texas
Maddox, G. L.	Sweetwater, Texas
Mars, Bert	Fort Worth, Texas
Martin, Elsie	Fort Worth, Texas
Martin, Logan	Fort Worth, Texas
Martin, T. L.	Venus, Texas
Mason, Grace D.	Dallas (Sta. A), Texas
Mason, McXie Mae	Dallas (Sta. A), Texas
Matthews, Will	Fort Worth, Texas
Matthews, Cecil	Fort Worth, Texas
Mapier, S. L.	Hutchins, Texas X
McConnell, Carroll	Palo Pinto, Texas
McFarland, G. B.	Ladonia, Texas
McFarland, W. S.	Ladonia, Texas
McGowan, Eva	Fort Worth, Texas
McGregor, —	Pendleton, Texas
McIver, C. L.	Madisonville, Texas X
McKinney, Lucile	Tioga, Texas
McKnight, Ewell	Eldorado, Texas
McNeill, Bess	Valley Mills, Texas
Melton, Carl E.	Allen, Texas
Mershon, Irene	Walters, Okla. X
Miller, Frankie	Fort Worth, Texas
Miller, C. G.	Royse City, Texas
Miller, Louie	Goldthwaite, Texas X
Moffatt, Jno. R.	Fort Worth, Texas
Molina, Mateo	Fort Worth, Texas
Montgomery, Fred	Comanche, Texas
Montgomery, J. C.	Comanche, Texas
Moore, R. D.	Hamlin, Texas
Moore, Elmer	Fort Worth, Texas
Moore, Albert	Turson, Kan.

Moore, Willie	Fort Worth, Texas
Morris, Maurice	Fort Worth, Texas
Morris, Murrell	Nashville, Ark.
Morris, Nannie	Fort Worth, Texas
Morrow, Daisy	Kaufman, Texas
Mullin, Roy E.	Fort Worth, Texas
Murrey, Katherine	Fort Worth, Texas
Murray, Joe J.	Sulphur Springs, Texas
Musgrave, Ruth	Waxahachie, Texas
Nelson, Ruby	Fort Worth, Texas
Newman, Imogene	Dallas, Texas
Newton, Ross	Fort Worth, Texas
Neis, W. B.	Fort Worth, Texas
Nye, Mrs. Jessie	Fort Worth, Texas
Oberhoff, Maude	Fort Worth, Texas
Odom, L. H.	Fort Worth, Texas
Odell, Lela	Haskell, Texas
Osteen, Preston	Fort Worth, Texas
Outlaw, N. M.	Fort Worth, Texas
Owens, Lizzie	Marlin, Texas
Parks, Ben W.	Lancaster, Texas
Parker, Ellen	Corpus Christi, Texas
Parker, Luther	Corpus Christi, Texas
Patterson, Lucile	Fort Worth, Texas
Patterson, Blanche	Archer City, Texas
Pedigo, Maxie	Valley Mills, Texas
Peacock, Dixon	Fort Worth, Texas
Peeples, Mrs. Yaleta	Alvarado, Texas
Perkins, Hallie B.	Cameron, Texas
Plumby, Lynette	Beaumont, Texas
Pollard, Estelle	Fort Worth, Texas
Porter, J. D.	Lake Creek, Texas
Potter, Beulah	Hereford, Texas
Procter, Minnie	Longview, Texas
Potts, Edna Mae	Fort Worth, Texas
Rawlings, Jno. A.	Lancaster, Texas
Redford, Kate	Fort Worth, Texas
Reed, Elizabeth	Marble Falls, Texas
Reeves, Jim H.	Whitewright, Texas

Reeves, C. B.	Whitewright, Texas
Reynolds, Floy	Fort Worth, Texas
Ricketts, Claude	Hereford, Texas
Richards, Lucile	Italy, Texas
Richards, Anna	Walters, Okla.
Robbins, Ernestine	Fort Worth, Texas
Robbins, Raymond	Fort Worth, Texas
Roberts, Mildred	Waco, Texas
Roberts, Mildred Lee	Fort Worth, Texas
Roberts, Catherine	Fort Worth, Texas
Rogers, H. E.	Milford, Texas
Roling, J. O.	Wichita Falls, Texas
Roling, Ruth	Wichita Falls, Texas
Shankle, Duke	Fort Worth, Texas
Shannon, Ira	Fort Worth, Texas
Scott, S. F.	Pecan Gap, Texas
Sears, Allen	Fort Worth, Texas
Shirley, Harriette	Hereford, Texas
Simpson, Fred	Snyder, Texas
Simpson, Gladys	Fort Worth, Texas
Simpson, Maude	Fort Worth, Texas
Simpson, Nell	Fort Worth, Texas
Sloan, W. C.	Fort Worth, Texas
Smith, Alice L.	Fort Worth, Texas
Smith, Emory Jr.	Fort Worth, Texas
Smith, Mabel	Fort Worth, Texas
Smith, O. A.	Fort Worth, Texas
Smith, Mrs. O. A.	Fort Worth, Texas
Snell, Hamp	Walnut Springs, Texas
Snider, Albert H.	McKinney, Texas
Spain, Robert	Fort Worth, Texas
Spiller, Ruby	Menard, Texas
Spinks, E. C.	Longview, Texas
Starkey, Ermine	Jacksonville, Texas
Stevens, Elizabeth	Fort Worth, Texas
Stevenson, E. R.	Fort Worth, Texas
Stewart, Gertie	Longview, Texas
Stewart, Grover	Denison, Texas
Stiles, Cecil	Thrall, Texas

Stiles, Marina	Thrall, Texas	X
Stierman, W. B.	Athens, Texas	
Stevens, Clara	Fort Worth, Texas	X
Steele, Lake	Italy, Texas	X
Shaugnessy, Genievieve	Fort Worth, Texas	X
Stipp, Jas. A.	Temple, Okla.	X
Stovall, Willis	Mangum, Okla.	
Street, Alvin M.	Goldthwaite, Texas	
Strong, F. W.	Denton, Texas	X
Strang, Gladys	Fort Worth, Texas	X
Suggs, Mary	Fort Worth, Texas	X
Taylor, Edward	Fort Worth, Texas	
Tennill, Wm.	Taylor, Texas	
Thannisch, L. E.	Fort Worth, Texas	X
Thetford, Willie	Godley, Texas	
Teeter, Laura	Crowley, Texas	X
Tomlinson, E. C.	Hillsboro, Texas	
Tomlinson, Roy G.	Hillsboro, Texas	
Taylor, Newton	Abilene, Texas	X
Towsend, Clara	Gorman, Texas	
Towsend, Clarada	Fort Worth, Texas	
Tiplett, Grady	Fort Worth, Texas	
Tyson, Amboline	Pomona, Cal.	
Taylor, S. H.	Fort Worth, Texas	
Tucker, Rowan	Fort Worth, Texas	
Umbenhour, Edna	Fort Worth, Texas	
Vann, Myrtle	Marlin, Texas	X
Vickman, G. T.	Fort Worth, Texas	
Wade, Libbie	Elgin, Texas	
Wagner, Eloise	Pecos, Texas	X
Walker, Willie <i>219 Elgin St.</i>	Texarkana, Texas	X
Ware, B. F.	Fort Worth, Texas	X
Ward, Guy J.	Cisco, Texas	X
Watts, Ballard	Gainesville, Texas	X
Watson, Shelly M.	Rogers, Texas	X
Weaver, Gladys	McKinney, Texas	X
Webb, Sue	Mart, Texas	
Weddington, Crawford	Fort Worth, Texas	
Wilkes, Lois	Hubbard City, Texas	

Whitman, Clara	Fort Worth, Texas ✓
Widener, Travis	Cooledge, Texas ✓
Wieland, Emma	Wylie, Texas ✓
Williams, Nolan	Fort Worth, Texas
Wilson, E. B.	Fort Worth, Texas
Wilson, Boyd	Longview, Texas
Winston, Barlow	Cisco, Texas ✕
Wise, Oscar J.	_____
Wood, J. L.	Mertson, Texas
Woods, Vista	Ladonia, Texas
Woodruff, Grady	Randlett, Okla.
Wirtz, Freda	Fort Worth, Texas
Wright, Lorena	Albany, Texas
Wright, Prentice	Fort Worth, Texas
Young, Sophia	Fort Worth, Texas

SCHOOL OF MEDICINE

SENIORS

Baze, W. J.	Brady, Texas
Beckman, M. A.	Rowena, Texas
Bondreau, C. E.	Fort Worth, Texas
Carpenter, B. R.	Clifton, Texas
Dowdy, T. W.	Albertville, Ala.
Duncan, D. J.	Frisco, Texas
Kester, Earl A.	Vernon, Texas
Lewis, J. R.	Fort Worth, Texas
Lillie, Gordon A.	Pawnee, Okla.
Leggett, Walter	Fort Worth, Texas
Oden, B. N.	Tatum, Texas
Pendleton, J. W.	Vernon, Texas
Reinhardt, W. C. Jr.	Fort Worth, Texas
Stromberg, E. W.	Brownwood, Texas
Walker, Webb	Lufkin, Texas
Worthey, W. R.	Call, Texas

JUNIORS

Carter, Chas.	Rosewood, Texas
Campbell, C. C.	Blum, Texas
Cross, J. G.	Granite, Okla.
Dixon, B. E.	Texarkana, Texas
Freeman, I. S.	Lockney, Texas
Grogan, O. R.	Quanah, Texas
Goodman, T. L.	Fort Worth, Texas
Grisso, Doc	Fort Worth, Texas
Jones, Elmer	Gorman, Texas
Keasler, L. O.	Hughes Springs, Texas
Kirkpatrick, B. A.	Snyder, Texas
Godley, L. O.	Corsicana, Texas
Lipps, Paul K.	Fort Worth, Texas
Monk, J. A.	Moody, Texas
Saunders, C. C.	Fort Worth, Texas
Stewart, S. H.	Waco, Texas
Wehinger, A. D.	Gilliam, Mo.
Whitten, S. D.	Prague, Okla.

SOPHOMORES

Christian, E.	Marlow, Okla.
Evans, S. Ray	Comanche, Texas
Francis, F. W.	Fort Worth, Texas
Genochio, E. P.	Redwood City, Cal.
Hammond, Judd E.	Fort Worth, Texas

Hodges, E. D.	Waco, Texas
Horn, Will S.	Fort Worth, Texas
Littlepage, Henry B.	Fort Worth, Texas
Lindsay, Jack J.	Llano, Texas
May, J. C.	Fort Worth, Texas
Pratt, A. E.	Fort Worth, Texas
Scott, K. J.	Cisco, Texas
Saunders, D. J.	Bonham, Texas
Cadenhead, Frank	Bellevue, Texas

FRESHMEN

Arnold, Carl	Graham, Texas
Allen, Will	May, Texas
Alexander, Joe	Garland, Texas
Day, Giles	Fort Worth, Texas
Evatt, Crit	May, Texas
Franklow, Davis	Fort Worth, Texas
Grant, Brooks C.	Fort Worth, Texas
Giles, Upton	Commerce, Texas
Garrett, J. H.	Handley, Texas
Horn, Fred	Corsicana, Texas
Henniger, Ben	Fort Worth, Texas
Hyde, Ximmie	Sulphur Springs, Texas
Haines, W. H.	Hughes Springs, Texas
Lockhart, J. P.	Brady, Texas
Langston, J. E.	Waco, Texas
Montague, A. W.	Fort Worth, Texas
Odum, C. C.	Rogers, Texas
Robinson, John	Fort Worth, Texas
Tucker, J. T.	Fort Worth, Texas
Tyler, Earl	Gainesville, Texas
Warren, H. F.	Alvarado, Texas
Woodward, Lee	San Angelo, Texas

SCHOOL OF PHARMACY

SENIORS

Carroll, R. O.	Fort Worth, Texas
Carroll, Ernest	Fort Worth, Texas
George, W. T.	Fort Worth, Texas
Littlepage, P. S.	Fort Worth, Texas
McKinney, W. J.	Spur, Texas
McNeill, Dave E.	Teneha, Texas
Reilly, Ed	Fort Worth, Texas
Smith, Miss Renna Mae	Fort Worth, Texas
Terry, Houston	Fort Worth, Texas

Woods, Columbus E.....	Newton, Texas
Woodyard, C. A.....	Carthage, Texas
Wilson, S. L.....	Fort Worth, Texas

JUNIORS

Belson, M. E.....	Lott, Texas
Brown, R. O.....	Quanah, Texas
Brock, T. D.....	Hermleigh, Texas
Cosby, R. H.....	_____, Texas
Cox, R. S.....	Merit, Texas
Ferguson, L. E.....	Rison, Ark.
Grammer, R. B.....	Fort Worth, Texas
Gilbert, B. F.....	Smithfield, Texas
Holzman, E. H.....	Industry, Texas
Hosford, Olin	Italy, Texas
Jareton, H. M.....	Decatur, Texas
Luckenback, H. F.....	D'Hanis, Texas
Mullenix, J. A.....	Gilmer, Texas
Moore, DeWitt	Bremond, Texas
Pruden, Floyd	_____, Texas
Remington, M. F.....	Fort Worth, Texas
Robbins, K. C.....	Fort Worth, Texas
Taylor, C. L.....	Fort Worth, Texas
Weaver, Earl	Fort Worth, Texas
Washington, Geo. P.....	_____, Texas
Woerner, C. F.....	Fort Worth, Texas

SCHOOL OF NURSING

GRADUATE NURSES

Holcomb, Stella	Fayetteville, Ark.
Turner, Clara	Liverpool, England
McCulloch, Elizabeth	Glasgow, England

NURSES IN TRAINING

Shaw, Estelle	Stonewall, Miss.
Franks, Velma	Corpus Christi, Texas
Suttle, Mrs. R. E.....	Little Rock, Ark.
Tulley, Mrs. E.....	Fort Smith, Ark.
Couch, Faye	Waco, Texas

SPECIAL STUDENTS

Thomson, James, Medic.....	Fort Worth, Texas
McCollum, Joe, Ph.....	Waco, Texas
Hyde, J. D., Ph.....	Sulphur Springs, Texas

SUMMARY

College of Arts and Sciences:

Graduate Students	2
Seniors	22
Juniors	25
Sophomores	37
Freshmen	42
Academy	102
Unclassified	101
Total	331

College of Fine Arts:

Music	50
Oratory	30
Art	6
Total	86

College of Business 72

College of the Bible 22

School of Medicine:

Medicine:

Seniors	16
Juniors	18
Sophomores	14
Freshmen	22
Specials	1
Total	71

Pharmacy:

Seniors	12
Juniors	21
Specials	2
Total	35

Nursing:

Graduates	3
Nurses in training	5
Total	8

Total enrolment College of Medicine 114

Grand total 625

Total enrolment omitting all duplicates 528

ENROLMENT BY COUNTRIES AND STATES

Alabama	1
Arkansas	5
California	2
England	2
Illinois	1
Kansas	1
Kentucky	1
Missouri	1
Mississippi	1
New Mexico	1
Oklahoma	13
Texas	499
<hr/>	
Total	528

ALUMNI

NOTE.—A list of this kind requires annual correction, and the Alumni are invited to assist in removing errors.

CLASS OF 1876

- J. E. Jarrott, A. B., Prof. Mathematics, Add-Ran College 1877-1879. (Died 1978).
 E. Wilwee, A. B., preacher.....Mangum, Okla.

CLASS OF 1877

- G. E. Carpenter, A. B., planter.....Plano, Texas
 D. F. Goss, A. B., attorney-at-law.....Seymour, Texas

CLASS OF 1879

- Lou Carr, A. B. (Mrs. S. J. Bass).....McKinney, Texas
 W. H. Gatliff, A. B., phvsician.....Butte, Cal.
 Alfred Irby, S. B. (A. M., ibid., 1892), physician.....
Weatherford, Texas
 J. H. Smithers, A. B.....Chicago, Ill.

CLASS OF 1880

- Geo. C. Cole, A. B., attorney-at-law (died 1903) Dallas, Texas

CLASS OF 1881

- C. E. Dunn, A. B., farmer.....Wylie, Texas
 J. N. Gambrel, A. B., farmer and stock raiser.....
Prairie Lee, Texas
 J. B. Miller, A. B., journalist, 3749 Laclede Ave., St. Louis. Mo.
 A. P. Thomas, A. B., real estate.....Fort Worth, Texas

CLASS OF 1882

- J. W. McAdams, A. B., teacher.....Oregon City, Oregon
 W. M. Cambell, A. B., physician.....Weatherford, Texas
 T. J. McBride, A. B., fruit grower.....Swan, Texas
 F. O. McKinsey, A. B., attorney-at-law....Weatherford, Texas
 Josie Scott, A. B. (Mrs. F. O. McKinsey), Weatherford, Texas

CLASS OF 1883

- K. A. Berry, A. B. (died 1907).....Quanah, Texas
 M. M. Griffith, A. B., merchant.....Ardmore, Okla.
 Minnie Clark, A. B. (Mrs. J. B. Rogers), teacher.....
 Belle Oglesby, A. B (Mrs. Wythe).....Weatherford, Texas
 T. A. Wythe, A. B., real estate dealer.....Weatherford, Texas

CLASS OF 1884

- R. H. Bonham, A. B. (A. M., ibid., 1892) teacher.....
Leesville, Louisiana
 C. H. Miller, A. B.....
 C. C. Perrin, A. B., planter.....Celeste, Texas

CLASS OF 1885

- J. B. Sweeney, A. B. (A. M., ibid., 1891, LL. D., ibid., 1905,
 professor T. C. U. 1895-1900), preacher (died 1901)..
Gainesville, Texas

CLASS OF 1886

- Effie Milwee, A. B. (Mrs. J. R. Boyd), teacher of music in
Add-Ran University (died 1898).
G. L. Bush, A. B. (A. M., *ibid.*, 1891), preacher, Carrollton, Mo.
Mattie Gill, A. B., teacher.....Lisbon, Texas
H. E. Hildebrand, A. B., manager transfer company.....
.....San Antonio, Texas
T. A. Miller, A. B., M. D., physician.....Corsicana, Texas
Birdie Nichols, A. B. (Mrs. Caruth).....Yoakum, Texas
W. B. Parks, A. B. (A. M., *ibid.*, 1892), Ph. D., Dean of
T. C. U.....Fort Worth, Texas

CLASS OF 1887

- Olive Jones, A. B. (Mrs. Millikin), teacher of music.....
.....Atlanta, Georgia
R. L. Ragsdale, A. B., member Texas Legislature 1894 to
1900, attorney-at-law (died 1902).....Denton, Texas

CLASS OF 1888

- B. Andrews, A. B., merchant.....San Antonio, Texas
Sallie Andrews, A. B.....McKinney, Texas
P. F. Brown, A. B., principal public schools....Lubbock, Texas
A. I. Hudson, A. B., attorney-at-law.....Dallas, Texas

CLASS OF 1889

- Ophelia McMorris, A. B. (A. M., *ibid.*, 1892), teacher.....
.....San Marcos, Texas
Laura Nichols, A. B. (Mrs. R. L. Ragsdale), teacher.....
.....Yoakum, Texas

CLASS OF 1890

- A. Clark Jr., A. B. (A. M., *ibid.*, 1895), professor T. C. U.
1896-1898, journalist (died 1903).....Amarillo, Texas
Jessie Clark, A. B. (Mrs. Russell).....Comanche, Texas
Claudia Miller, S. B. (Mrs. A. C. Easley).....Waco, Texas
Lucretia Bushwah, S. B. (Mrs. Alfred Irby).....

-Weatherford, Texas
A. C. Easley, A. B. (A. M., *ibid.*, 1893), teller Citizens Na-
tional Bank.....Waco, Texas
F. G. Jones, A. B., principal High School.....McKinney, Texas
C. M. Votaw, A. B., attorney-at-law.....Houston, Texas

CLASS OF 1891

- C. Elizabeth Clark, S. B. (Mrs. Boyd), clerk county and
district courts.....Lubbock, Texas
J. B. Cook, A. B., cashier First National Bank (died 1899)
.....West, Texas
William L. Moore, A. B., principal Academy of Languages
.....Mexico
Nellie Lamon, A. B. (Mrs. R. J. Knox), (died 1892).....
.....Burnet, Texas

CLASS OF 1892

- Ginreva Wood, S. B. (Mrs. Carson), teacher, Sherwood, Texas

J. R. Clanton, A. B., druggist.....Hazen, Arkansas
 A. C. Elliott, S. B.....Hereford, Texas
 W. J. Hildebrand, A. B., physician.....Gonzales, Texas
 R. F. Holloway, S. B., supt. city schools.....Comanche, Texas
 Randolph Paine, A. B., attorney-at-law.....Dallas, Texas
 E. C. Snow, A. M., real estate.....Donna, Texas

CLASS OF 1893

I. E. Adams, A. B. (A. M., *ibid.*, 1895), merchant.....
Sarcoxie, Missouri
 T. M. Clark, L. B. (A. M., *ibid.*, 1894), president Bay View
 College.....Portland, Texas
 A. J. Cook, S. B., superintendent public schools...Seguin, Texas
 Trixie Green, S. B., teacher (Mrs. Judge Lively)...Dallas, Texas
 Julia Holloway, S. B. (deceased).....
 Lizzie Thornton, S. B. (Mrs. J. M. Rieger)....Comanche, Texas
 J. B. Rogers, A. B., superintendent public schools.....
Junction City, Texas
 J. D. Shaw, S. B. (A. M., 1897).....
 A. F. Shepard, S. B.....Gilmer, Texas
 John C. Smith, A. B.....Vernon, Texas
 R. M. Scott, A. B., attorney-at-law.....Dallas, Texas
 Miltie Weatherly, S. B., teacher.....Grapevine, Texas
 Randolph Clark, A. M., professor T. C. U. 1873 to 1896,
 preacher.....Stephenville, Texas
 Addison Clark, LL. D., president T. C. U. 1873 to 1899,
 president Add-Ran Jarvis College 1900-1909, preacher
 (died 1911).....

CLASS OF 1894

Pearl J. Boone, A. B. (Mrs. T. J. Grady), teacher.....
Texico, New Mexico
 R. J. Clanton, L. B., druggist.....Dallas, Texas
 R. Carlton Clark, A. B. (A. M., *ibid.*, 1895), professor State
 University.....Oregon
 Ellsworth E. Faris, S. B., A. M., 1907, professor of phil-
 osophy, T. C. U.....Chicago, Illinois
 Fannie B. Kemp, S. B. (Mrs. A. F. Sheperd), (died 1905)
Gilmer, Texas
 Maggie P. Lowber, A. M. (Mrs. J. W. Lowber), Austin, Texas
 R. L. Miller, L. B., attorney-at-law (died 1896).....
 R. B. Whitton, L. B., teacher.....Waco, Texas
 M. M. Davis, A. M., preacher and author.....Dallas, Texas
 John T. Moore, A. M., physician.....Houston, Texas
 O. A. Riall, A. M., preacher.....Commerce, Texas
 R. Cantrell Scurrah, A. M. (LL. D., *ibid.*, 1896)...Hull, England
 Lois A. White (Mrs. J. O. Holland), teacher, San Antonio, Texas

CLASS OF 1895

Lee Clark, A. B., Sec. Conference for Ed. in Texas, Austin, Texas
 V. Z. Jarvis, S. B., stock raiser.....Fort Worth, Texas

George H. Morrison, A. B., preacher.....Haskell, Texas
 Flora Pinkerton, S. B. (Mrs. G. H. Morrison)..Haskell, Texas
 B. H. Oxford, L. B., attorney-at-law.....Mancos, Colorado
 Maud Wood, L. B. (Mrs. W. E. Branch), teacher.....
Sherwood, Texas
 Dr. F. D. Green, A. M.....Denver, Colorado
 Dr. George P. Hall, A. M., professor in Medical College..
Galveston, Texas
 J. S. Henderson, LL. D., teacher.....London, England
 J. M. Lindsey LL. D., teacher.....Hull, England
 F. H. Marshall, Ph. D., teacher.....Enid, Okla.
 J. J. Morgan, A. M., teacher, preacher.....Johnstown, Pa.
 Samuel Naish, A. M. (LL. D., *ibid.*, 1897), preacher.....
Exeter, England
 Dr. Clarence Warfield, A. M.....Galveston, Texas
 Thomas C. Woodman, LL. D., teacher.....Sussex, England

CLASS OF 1896

J. M. Campbell, A. B.....Anadarko, Okla.
 Julia F. Easley, S. B. (Mrs. O. C. Robertson), Midland, Texas
 John F. Kemp, A. B., teacher.....Midland, Texas
 G. A. Lewellen, Ph. D., professor of English Bible, T. C. U.
 (died 1912)
 Bertha C Mason, S. B. (Mrs. J. H. Fuller).....Dallas, Texas
 May Miller, L. B. (Mrs. R. H. Simmans).....Cisco, Texas
 W. H. Penix, S. B., attorney-at-law.....Mineral Wells, Texas
 Mary Lipscomb, S. B. (Mrs. Wiggins).....Frisco, Texas
 J. F. Anderson, A. M., business manager T. C. U.....
Fort Worth, Texas
 I. M. Cline, Ph. D., Director Weather Bureau, Galveston, Texas
 George Fowler, A. M., preacher.....Roswell, New Mexico
 Jesse B. Haston, A. M., preacher (deceased).....
 A. M. Logan, A. M., teacher.....Fargo, North Dakota
 Lou Ella Clark, A. B. (Mrs. R. F. Holloway).....
Comanche, Texas-

CLASS OF 1897

C. A. Lewellen, LL. D. (died 1912).....
 Lollie Broad, A. B. (Mrs. Wright).....
 J. J. Hart, A. B. (A. M., *ibid.*, 1899), attorney-at-law....
Dallas, Texas
 J. T. McKissick, A. B. (A. M., *ibid.*, 1904), preacher.....
Nashville, Tenn.
 Ira Adams, Ph. D.....Cocanut Grove, Florida
 A. T. Sherman, A. M.....Brooklyn, New York
 Ira P. Hildebrand, A. B., professor law.....Austin, Texas

CLASS OF 1898

Mary Foreman, A. B. (Mrs. T. C. Easley).....Munday, Texas
 Frank F. Elkin, A. B., banker.....Midland, Texas
 Cora Kinnard, A. B. (Mrs. J. J. Hart).....Dallas, Texas
 R. H. Simmans, A. B., preacher.....Cisco, Texas

W. M. Lawyer, A. M., preacher.....Ellendale, N. D.
 W. W. Burks, A. M., preacher.....Parsons, Kansas

CLASS OF 1899

Mamie E. Schaper, L. B., teacher.....Waco, Texas
 Bessie R. Clark, L. B., teacher.....Amarillo, Texas
 W. T. Hamner, S. B., teacher.....Donna, Texas
 E. R. Cockrell, A. B., professor history, T. C. U.....
Fort Worth, Texas
 Claude McClellan A. B., attorney-at-law.....Coleman, Texas
 S. P. Smith A. M., teacher.....Lindsay, Okla.
 J. L. Noblitt, A. M., teacher.....Weatherford, Okla.

CLASS OF 1900

John B. McNamara, A. B., attorney-at-law.....Waco, Texas
 John W. Kinsey, A. B., professor education, T. C. U.....
Fort Worth, Texas
 Marcellus H. Brasher, A. B., superintendent.....Roswell, N. M.
 John Andrews, A. B., teacher.....Thorp Springs, Texas
 D. A. Leak, A. M., principal school.....Teneha, Texas
 J. W. Littlejohn, A. M., teacher.....

CLASS OF 1901

Charles I. Alexander, A. B., professor Mathematics, T. C.
 U.Fort Worth, Texas
 L. Pierce Bailey, A. B., teacher.....Waco, Texas
 Carr T. Dowell, A. B., professor chemistry, Weatherford, Okla.
 Robert L. Marquis, A. B., professor biology, West Texas
 State NormalCanyon City, Texas
 Mrs. Maude W. Marshall, A. B.....Enid, Okla.
 Olive McClintic, A. B., professor of oratory.....
Oklahoma City, Okla.
 J. Frank Pruett, Jr., A. B., teacher.....Walter, Okla.
 James N. Wooten, A. B., preacher.....Longview, Texas
 Lillie Dell Bates, A. B. (Mrs. Clovis Moore) ..Valentine, Texas
 Ernest J. Bradley, A. B., preacher (A. M., ibid., 1903) ...
Lampasas, Texas
 Virgie N. Gregory, A. B., teacher.....Waco, Texas
 J. Crockett Mullins, A. B., preacher.....Chicago, Illinois

CLASS OF 1903

Effie Jones, A. B. (A. M., ibid., 1904), (Mrs. Beaman)
Carlsbad, N. M.
 H. E. Luck, A. B., preacher.....Cleburne, Texas
 W. F. Reynolds A. B. preacher.....Plano, Texas

CLASS OF 1904

L. G. Ament, A. B., preacher.....Longview, Texas
 Wesley Ammerman, A. B., attorney.....San Antonio, Texas
 T. N. Goodson, A. B.....Comanche, Texas
 H. R. Ford, A. B. (B. D., 1909), preacher.....Corsicana, Texas
 R. H. Foster, A. B., attorney.....Brownwood, Texas
 Everett Jones, A. B., physician.....Sherman, Texas
 Leila Jordan, A. B., teacher.....

E. K. Lavender, A. B., teacher.....San Marcos, Texas
 Lena Lewis, A. B., teacher.....Leona, Texas
 Hallie McPherson, A. B., teacher.....Fort Worth, Texas
 Clovis T. Moore, A. B., stock raiser.....Valentine, Texas
 Ed S. McKinney, A. B., pastor.....
 C. C. Peck, A. B., preacher.....
 B. W. Proctor, A. B.....Mart, Texas
 Homer Rowe, A. B.....Dalhart, Texas
 Mary Taliaferro A. B., teacher.....Austin, Texas
 Polk C. Webb, A. B., preacher.....North Waco, Texas
 Douglas Shirley, A. B.....Hereford, Texas
 James Johnson, A. M., president College of the Bible.....
Melbourne, Australia

CLASS OF 1905

Bessie Coffman, A. B. (Mrs. R. H. Foster), Brownwood, Texas
 L. L. Goss, A. B., bookkeeper.....Dalhart, Texas
 Elster M. Haile, A. B., A. M. 1906.....Hereford, Texas
 Annie Maupin, A. B.....Kingston, Texas
 Earl Milroy, A. B., A. M. 1906.....Houston, Texas
 Mamie Rattan, A. B.....Cooper, Texas
 Pauline Shirley, A. B., A. M. 1906 (Mrs. E. M. Haile).....

.....Chicago, Ill.
 Leroy D. Anderson A. B., preacher.....Fort Worth, Texas
 Alonzo N. Ashmore, A. B., teacher.....
 William C. Barnard, A. B.....Cleburne, Texas
 L. Edwin Brannin, A. B., physician.....Dallas, Texas
 Frank Beach, A. B., A. M. 1906, preacher.....Anadarko, Okla.
 Hardy Grissom, A. B., merchant.....Haskell, Texas
 Thomas C. Honea, A. B., physician.....Cleburne, Texas
 Coral Hamlin, A. B., teacher.....Mineral Wells, Texas
 John W. Smith, A. B., pastor.....Brownwood, Texas
 Lola Stockton, A. B. (Mrs. W. H. Bruns)....El Campo, Texas
 Zemula Clark, A. B.....Mineral Wells, Texas
 Abdullah Ben Kori, A. M.....Knoxville, Iowa

CLASS OF 1906

Louise Andrews, A. B.....Sherman, Texas
 C. M. Ashmore, A. B. (B. D., ibid., 1910), preacher.....
Rodgers, Texas
 E. C. Boynton, A. B., preacher.....Belton, Texas
 Bertha C. Bradley, A. B.....R. F. D. Dallas, Texas
 W. H. Bush, A. B., banker.....McKinney, Texas
 G. W. Carpenter, A. B., planter.....Plano, Texas
 J. L. Clark, A. B.....Stephenville, Texas
 C. P. Craig, A. B., preacher.....Terrell, Texas
 T. S. Graves, A. B.....McKinney, Texas
 J. F. Kinnard, A. B.....Dallas, Texas
 R. B. Muse, A. B.....Fort Worth, Texas
 A. J. Saunders, A. B., preacher.....Subiaco, Australia
 J. H. H. Scales, A. B., real estate.....Brownsville, Texas

J. H. Sheppeard, A. B., teacher.....Winnsboro, Texas
 M. G. Smith, A. B., preacher.....Des Moines, Iowa
 T. F. Weaver, A. B., preacher.....Houston, Texas
 Mamie Welch, Pierce, A. B.....Dike, Texas
 Modena Welch, A. B.....Dike, Texas

CLASS OF 1907

Ralph V. Callaway, B. D., preacher.....Atlanta, Ill.
 J. F. Quisenberry, B. D., preacher.....Kansas City, Mo.
 O. R. Burcham, A. B. (died 1911).....Paris, Texas
 Campbell Carnes, A. B., physician.....Marshall, Texas
 W. O. Dallas, A. B., preacher.....Brenham, Texas
 R. C. Garrard, A. B., American National Bank—Dallas, Texas
 Willena Hannaford, A. B. (Mrs. D. A. Shirley), Hereford, Texas
 J. R. Muse, A. B., teacher.....Canton, Missouri
 L. C. Proctor, A. B., teacher.....Temple, Texas
 Mery B. Perkins, A. B. (Mrs. Murray Ramsey), Austin, Texas
 Cecil Wolford, A. B. (Mrs. R. C. Garrard).....Dallas, Texas
 Robert Williams, A. B., Guarantee Bank & Trust Co.....
Dallas, Texas

CLASS OF 1908

Nona M. Boegeman, A. B., missionary.....Mahoba, India
 Gordon B. Hall, A. B., journalist.....Madisonville, Ky.
 Alex Harwood, A. B., Secretary Retail Merchants Association.....
Amarillo, Texas
 Mollie Hunter, A. B.....Dallas, Texas
 Ethel Mills, A. B. (Mrs. Ben Gooch).....San Antonio, Texas
 Jennie Vic McCulloch, A. B., A. M., ibid., 1909, teacher....
Beaumont, Texas
 Frank Henry Newlee, A. B., principal public schools.....
Colorado, Texas
 Floy B. Perkinson, A. B., teacher.....Taylor, Texas
 Roy Elwood Rockwell, A. B., teacher.....La Junta, Colo.
 Paul Tyson, A. B., A. M., ibid., 1909, teacher....Denison, Texas
 Beatrice Annie Tomlinson, A. B. (Mrs. C. D. Hall).....
North Waco, Texas
 Lela May Tomlinson, A. B.....Hillsboro, Texas
 J. Olen Wallace, A. B., teacher.....Brady, Texas
 Amy Wood, A. B.....Sherwood, Texas

CLASS OF 1909

Campbell Barnard, A. B., real estate.....Dallas, Texas
 Bertram H. Bloor, A. B., lawyer.....Austin, Texas
 Bryant F. Collins, A. B., civil engineer.....Dallas, Texas
 Bonner Frizzell, A. B., teacher in A. & M. College, Bryan, Texas
 J. B. Frizzell, A. B., insurance.....Amarillo, Texas
 Clois L. Green, A. B., bank cashier.....Vernon, Texas
 Howell G. Knight, A. B., journalist.....Corpus Christi, Texas
 Eula McNeill, A. B., teacher.....Valley Mills, Texas
 James R. McFarland, A. B., bank cashier.....Ladonia, Texas
 Noah C. Perkins, A. B. (died 1910).....Ann Arbor, Mich.

Dan D. Rogers, A. B., Guaranty Bank & Trust Co., Dallas, Texas
 Ernest U. Scott, A. B., stock farmer.....
 Mabel Shannon, A. B., teacher.....Hico, Texas
 William E. Sturgeon, A. B., principal public school.....
 Harlingen, Texas
 Douglas E. Tomlinson, A. B., law student.....Hillsboro, Texas
 John C. Wilch, A. B., preacher.....Elgin, Texas

CLASS OF 1910

Thurman J. Allen, A. B., merchant.....Coleman, Texas
 Marshall A. Baldwin, A. B., stock farmer.....Windom, Texas
 Gaitha P. Brous, A. B., teacher.....Sherman, Texas
 Noel C. Carr, A. B., teacher.....Waco, Texas
 Ada Inez Culpepper, A. B., teacher, R. F. D. No. 3, Waco, Texas
 Albert Cruzan, A. B., teacher.....Kirksville, Mo.
 Howard B. Dabbs, A. B., A. M., ibid., 1911, teacher.....
 Hillsboro, Texas
 Barney Holbert, A. B., deputy county clerk.....Waco, Texas
 Elizabeth Lewellen, A. B., teacher.....Fort Worth, Texas
 John W. Pyburn, A. B., teacher.....Seymour, Texas
 O. A. Smith, A. B., teacher.....Fort Worth, Texas
 J. William Smith, A. B., teacher.....Waco, Texas
 Myrtle Tomlinson, A. B. (Mrs. T. J. Allen)....Coleman, Texas
 Lucile Wolford, A. B. (Mrs. Dan D. Rogers).....Dallas, Texas
 Loy C. Wright, Guaranty Bank & Trust Co.....Dallas, Texas
 Mrs. Stella Whitten, A. B., teacher.....Waco, Texas

CLASS OF 1911

Robert E. Abernathy, A. B.....Bonham, Texas
 G. N. Anderson, A. B., business.....Fort Worth, Texas
 Edgar H. Bush, A. B.....Allen, Texas
 John F. Bateman, A. B., teacher.....Eddy, Texas
 Earl X. Gough, A. B.....Hereford, Texas
 Leron B. Gough, A. B., teacher.....Hereford, Texas
 S. W. Hutton, A. B., preacher.....
 R. F. D. Riverside, Fort Worth, Texas
 Burl B. Hulsey, A. B.....Ladonia, Texas
 W. Clyde Hackney, A. B.....Wortham, Texas
 Elizabeth Higginbotham, A. B.....Ennis, Texas
 Clare Lewellen, A. B.....Fort Worth, Texas
 Cayce Lewellen, A. B., teacher.....Fort Worth, Texas
 Clara Moses, A. B., teacher.....Burnet, Texas
 J. W. Massie, A. B.....Waco, Texas
 Kathleen Munn, A. B.....Houston, Texas
 Neta Martin, A. B.....Arlington, Texas
 Louie Noblitt, A. B., teacher.....Cookville, Texas
 Mary Riter, A. B.....Forney, Texas
 V. H. Robinson, A. B.....Ennis, Texas
 Mabel Smith, A. B., teacher.....Fort Worth, Texas
 Ethel Webb, A. B.....Waco, Texas

CLASS OF 1912

Albert J. Cruzan, A. M., medical student.....	Kirkwood, Mo.
Odessa Allison, A. B.....	Fort Worth, Texas
Vier Allison, A. B., teacher.....	Fort Worth, Texas
Mabel Baldwin, A. B.....	Haskell, Texas
Herbert Bozeman, A. B.....	Bartlett, Texas
N. C. Carr, A. B.....	
Bettie Couch, A. B.....	Italy, Texas
Milton E. Daniel, A. B.....	Waco, Texas
Aileen Geiger, A. B.....	Fort Worth, Texas
Kathleen Gibson, A. B.....	Waxahachie, Texas
Cullen Graves, A. B.....	Hutchins, Texas
Clarence M. Hall, A. B., business.....	Madisonville, Ky.
Frances Henderson, A. B., teacher.....	Fort Worth, Texas
Bess McNeill, A. B.....	Valley Mills, Texas
Carl Melton, A. B.....	Allen, Texas
Daisy Morrow, A. B., teacher.....	Kaufman, Texas
J. J. Murray, A. B.....	Sulphur Springs, Texas
Will Neis, A. B.....	Fort Worth, Texas
Harriette Shirley, A. B.....	Hereford, Texas
Ermine Starkey, A. B., teacher.....	Jacksonville, Texas
Roy G. Tomlinson, A. B.....	Hillsboro, Texas
G. T. Vickman, A. B.....	Fort Worth, Texas
Oscar J. Wise, A. B.....	

UNIVERSITY OF ILLINOIS-URBANA



3 0112 112026585